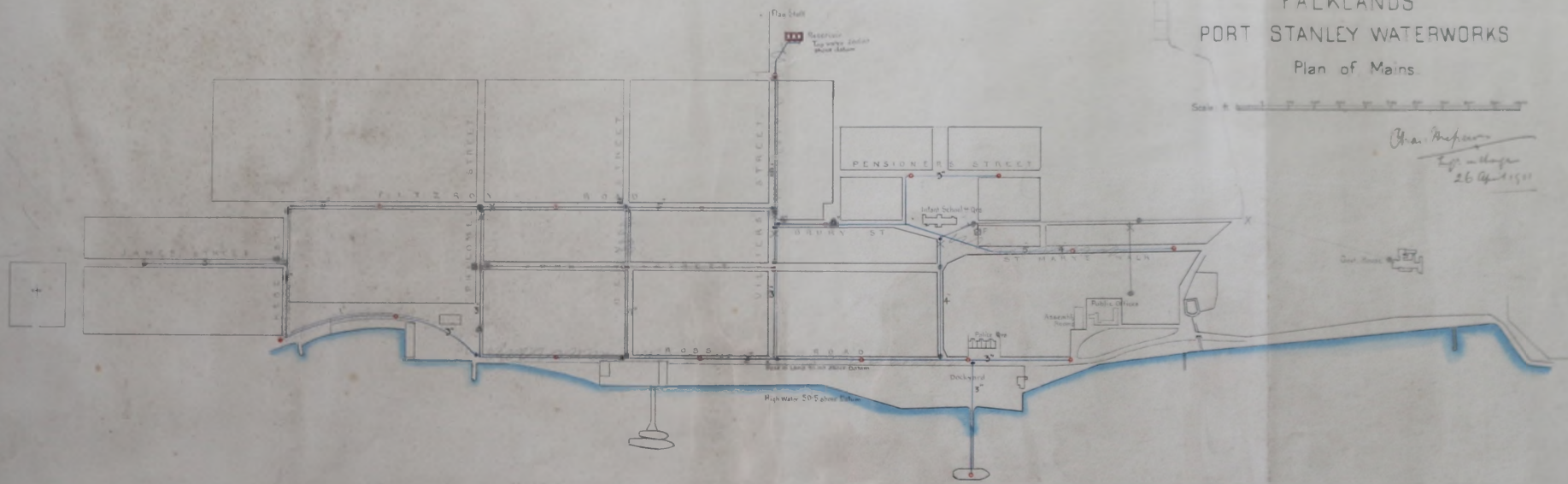


**FALKLANDS**  
**PORT STANLEY WATERWORKS**  
 PLAN and SECTIONS of DEPOSITING RESERVOIR.

*Chas. M. ...*  
*26 Apr 1901*

SCALE 1 inch = 1 foot





FALKLANDS  
 PORT STANLEY WATERWORKS  
 Plan of Mains.

Scale 1 inch = 100 feet

*Chas. Chapman*  
 Engineer  
 26 Apr 1901



INSPECTOR NAME  
 TESTING 2 COATS RED OXIDE  
 PAINTING FOR PROTECTION AND AS BELOW  
 PACKING FOR SHIPMENT  
 ERECTION NONE  
 EACH PACKAGE TO BE MARKED THIS:-

W.  
 FALKLAND IS 819/1

INDENT No 506A.

PIGGOTT'S PATENT PRESSED STEEL TANKS.

THE PIGGOTT & CO  
 ENGINEERS  
 BIRMINGHAM

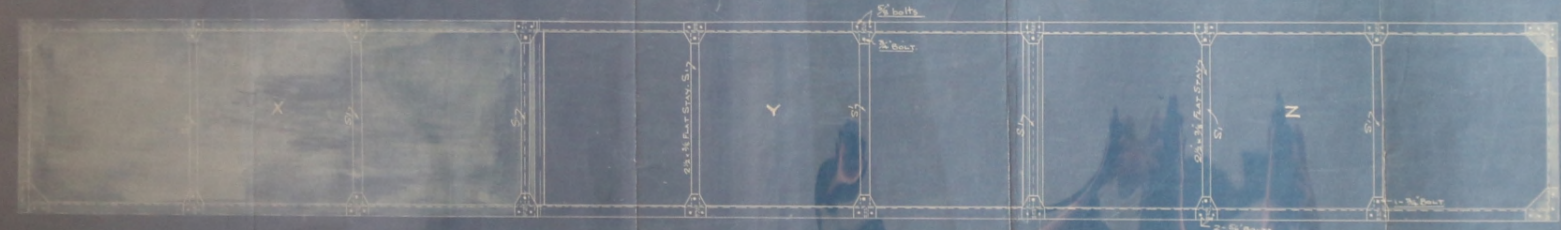
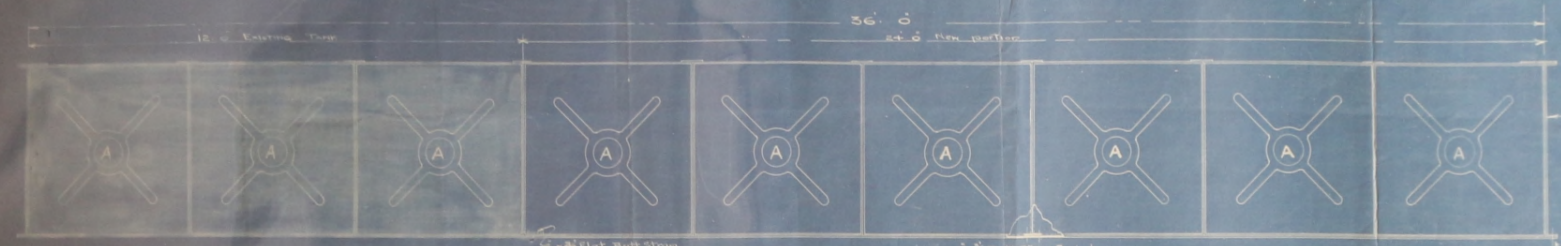
PROPOSED EXTENSION OF TANK 12'-0" x 4'-0" x 4'-0".

FOR

MESSRS THE CROWN AGENTS FOR THE COLONIES.

SCALE 3/4 INCH TO ONE FOOT.

Note All plates are bolted together with 3/8" bolts about 3" pitch with 2 1/2" x 1/8" Lead Strips inserted between the flanges and caulked from the inside of tank.



MATERIAL LIST FOR EXTENSION OF TANK ONLY

ORDER NO	DESCRIPTION	REMARKS
Stock 12	M.S. PLATES 4-0 SQUARES 24" x 24"	Plates A
Stock 1	M.S. PLATES 11-24" x 12" x 1/8"	Y
1	12-24" x 12" x 1/8"	Z
Stock 2	M.S. PLATES 24" x 4" x 1/8"	Butt Strip
6	24" x 3" x 1/8"	B1
12	24" x 3" x 1/8"	Butt Strip S1
24	24" x 3" x 1/8"	Butt Strip
18	24" x 3" x 1/8"	Butt Strip
12	24" x 3" x 1/8"	Butt Strip
1	SET OF CASKING TOOLS	

SHARING QUANTITIES INCLUDING 10% ALLOWANCE FOR BOLTS AND LEAD STRIP

Note: The bolt holes thus 4" in this side or butt strip to be drilled at site to suit existing battery plate.

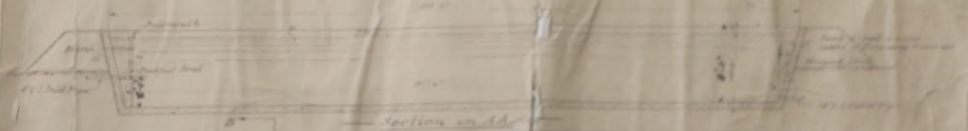
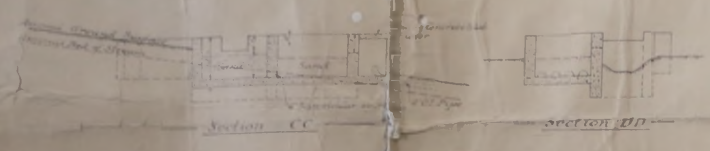
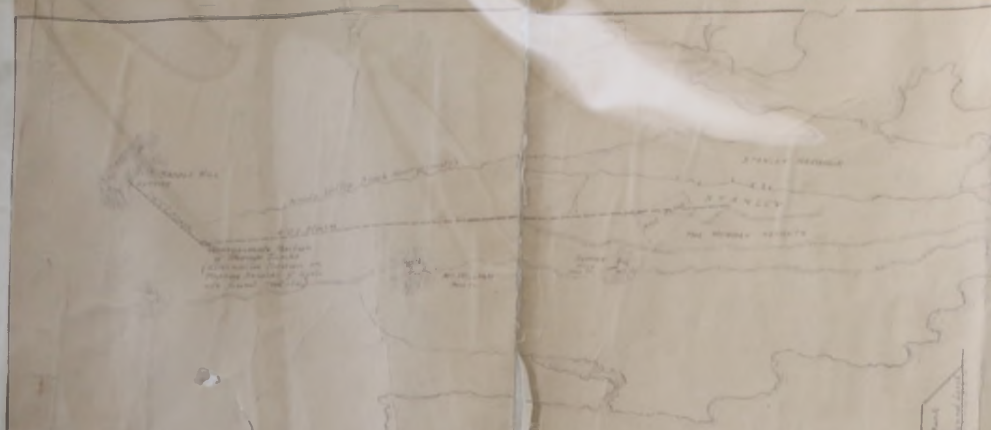
3/8" flat butt strip to bottom plates.

EXISTING PARTS COLOURED

4086  
1912

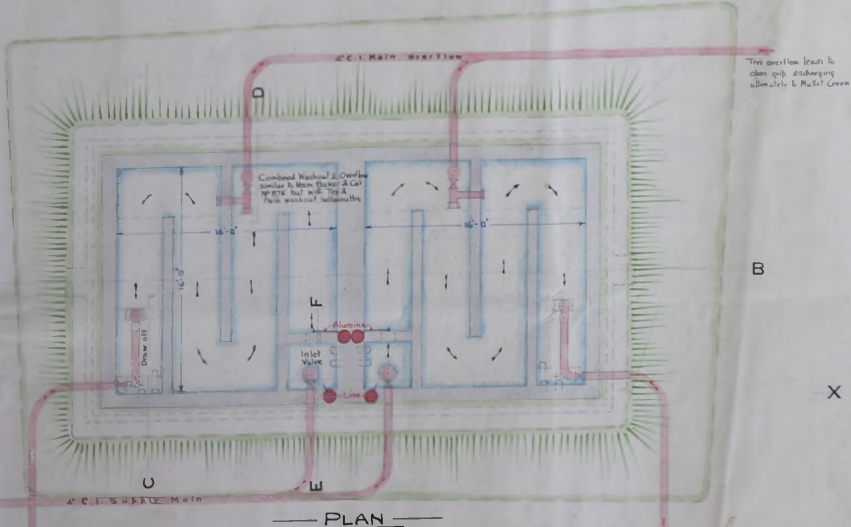
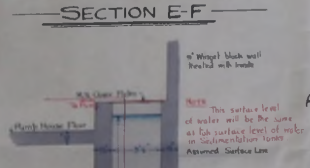
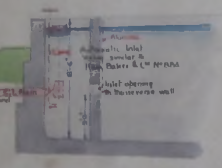
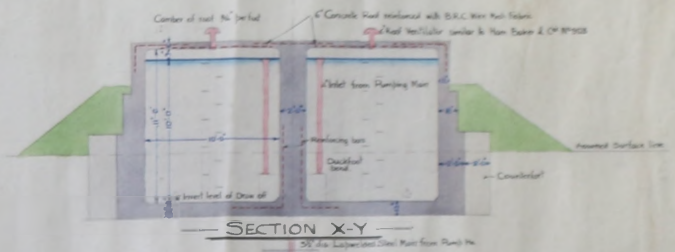
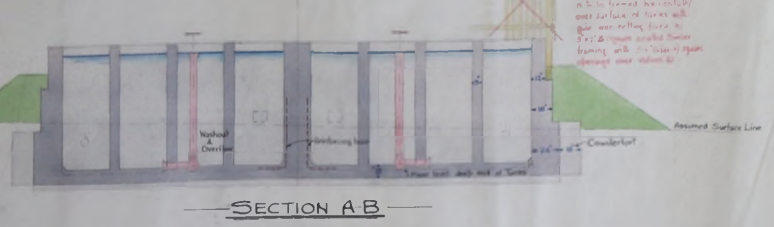
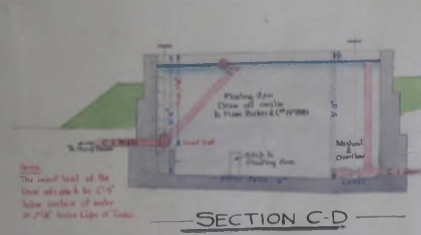
PRINT No  
 TRACKING No 5348  
 Dec 11 1911







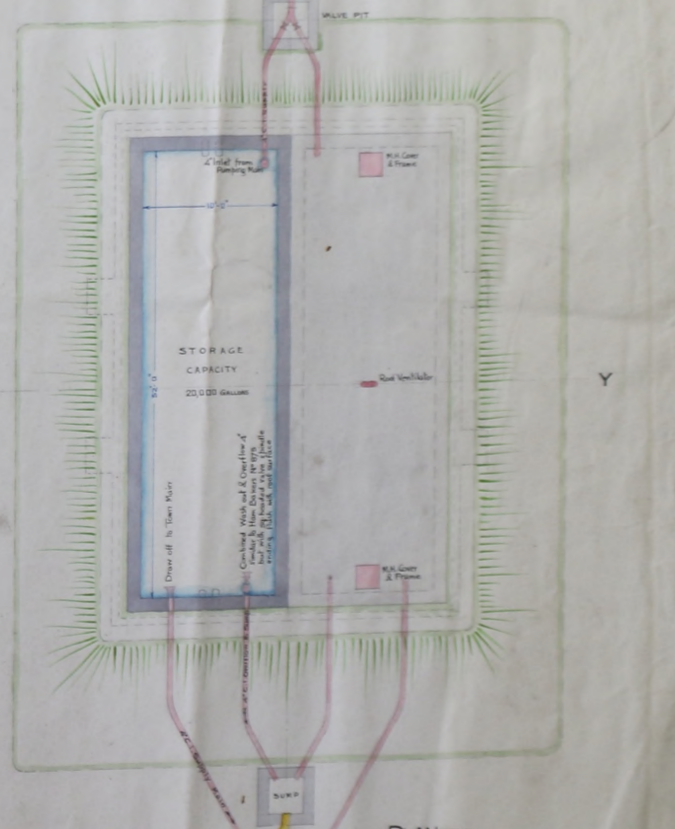
**PORT STANLEY IMPROVEMENT SCHEME**  
**PROPOSED WATER SUPPLY EX THE MILE POND**



**SEDIMENTATION TANKS**

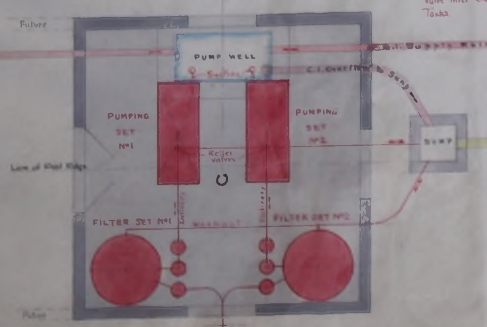
**NOTE**  
 The Storage Capacity of Each Tank is 12000 Gallons Gross of which 8000 Gallons is Effective; the total being 24000 Gallons Gross & 16000 Gallons Effective.

**NOTE**  
 The arrangement of Lime & Alumina Plant is diagrammatic only; if desired an on-line stage of the Alumina substance at the Valve Inlet Chambers of Sedimentation Tanks.



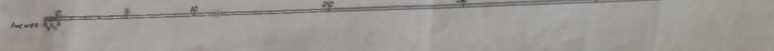
**SERVICE TANKS**

**NOTE**  
 The total Storage Capacity is 40,000 Gallons (by all Drawing Pk). The left hand Tank is indicated as a reserve tank. If by our drawing 100% is specified the total Storage Capacity is to be increased to 54,000 Gallons.



**PUMP HOUSE**

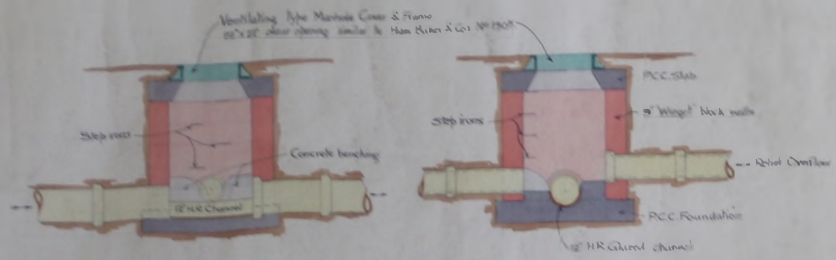
**SCALE**  
 4 FEET TO AN INCH



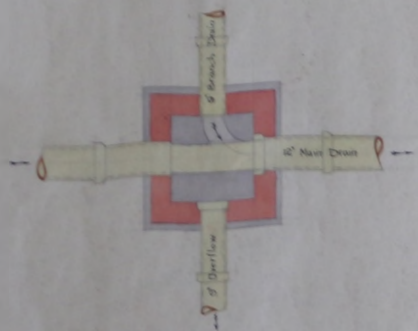
APRIL 1924  
 APRIL 1924



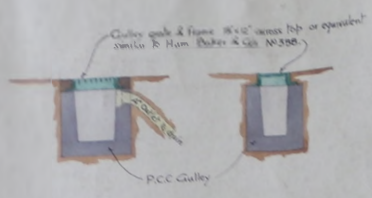
— PORT STANLEY IMPROVEMENT SCHEME — MAIN DRAINAGE — DETAILS —



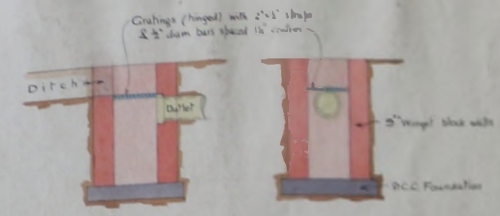
NOTE  
The outside walls of Manholes are to be rendered with P.C. Mortar to a height of 2 inches above top of highest pipe.



— TYPE MANHOLE WITH RELIEF OVERFLOW —

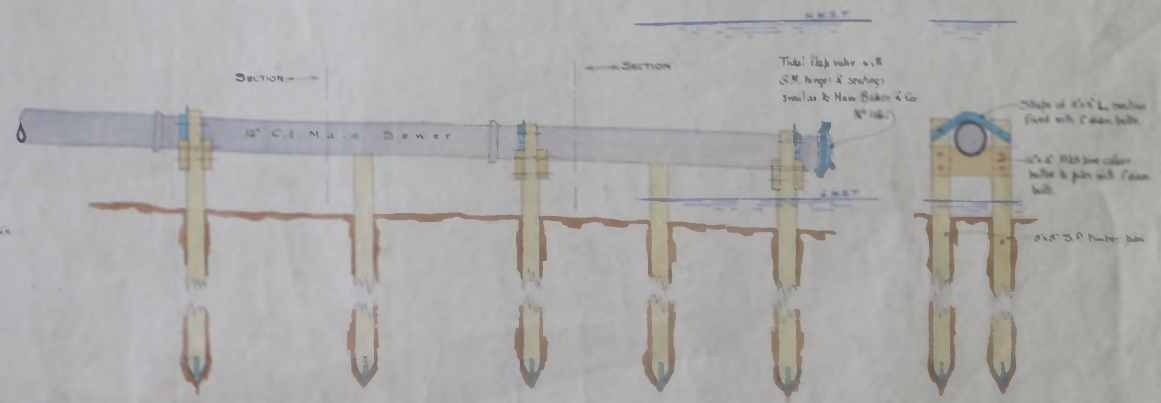
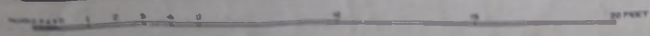


GULLY  
NOTE  
Gullies are to be moulded in situ with inside pipes.



CATCHPIT

— SCALE —  
— 2 FEET TO AN INCH —



— MAIN OUTFALLS Nos 1 & 2. —

NOTE  
The arrangement of Outfall No 2 to be similar but existing piles to be utilized as far as practicable.

*W. J. Jones*  
ASSOC. M. INST. C.E.  
MAY 1924.

1/102





VICKERS LIMITED  
WATER FILTER DEPARTMENT  
VICKERS HOUSE, WESTMINSTER, LONDON

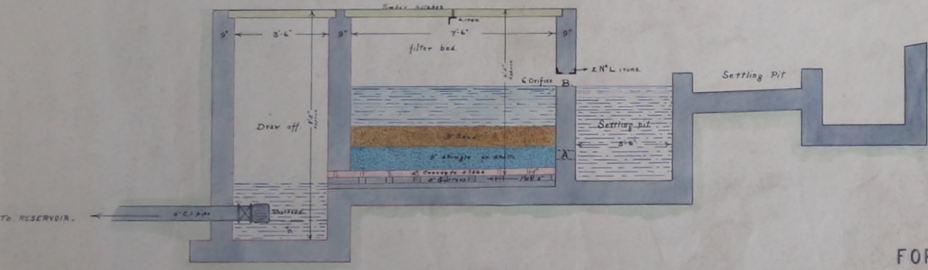
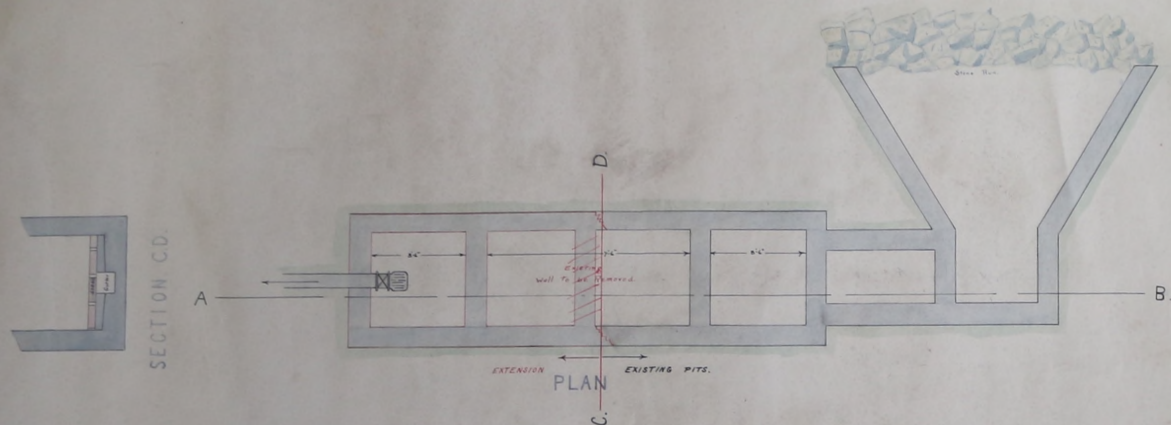
ARRANGEMENT OF FILTRATION PLANT,  
CAPACITY 30,000 GALLONS PER DAY.

SCALE  $\frac{3}{8}$ " = 1 FOOT  
DATE 7-1-25

DRG. No 552/L







INTAKE AT MT WILLIAM.  
FOR PORT STANLEY WATER SUPPLY.

SECTION A.B.

SCALE: 1/2" = 1'

G. Roberts August 1925

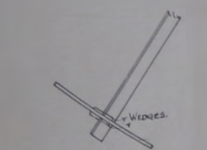
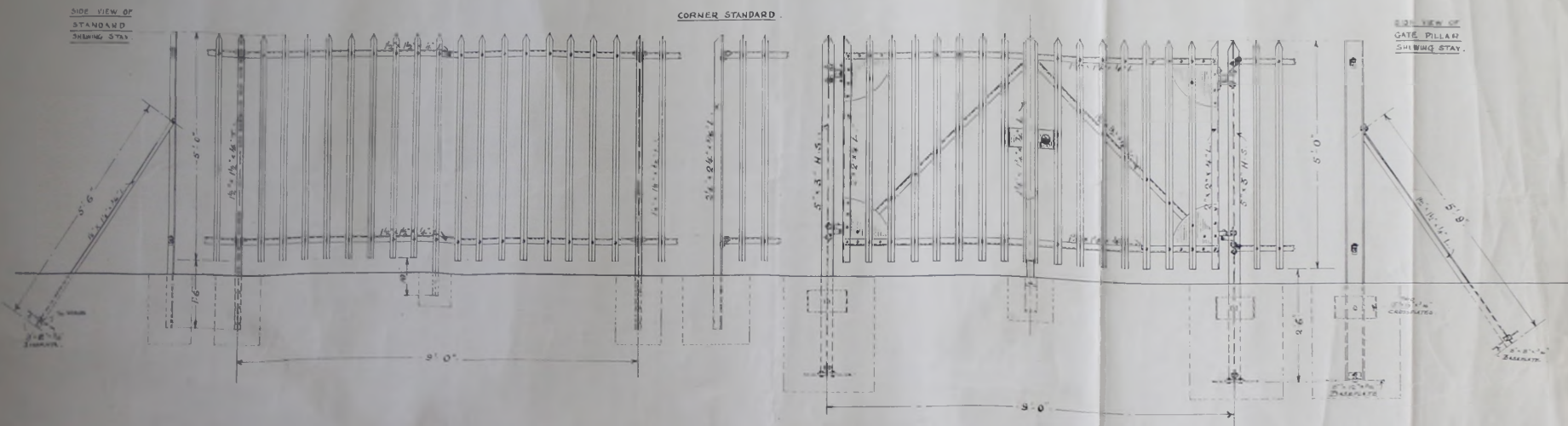
1/2



TRACING N° F. 5748.

ELEVATION OF FENCING.

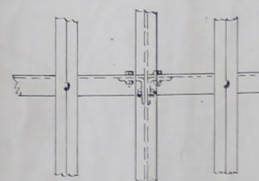
ELEVATION OF D.L. GATE.



DETAIL OF BASEPLATE TO STAY



PLAN SHOWING LINE OF FENCE



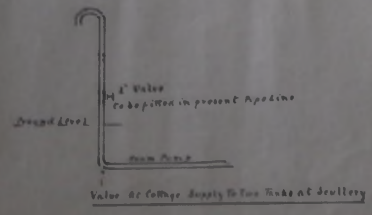
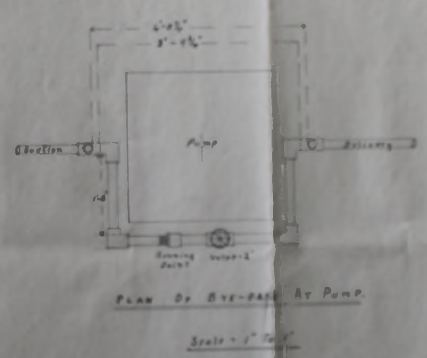
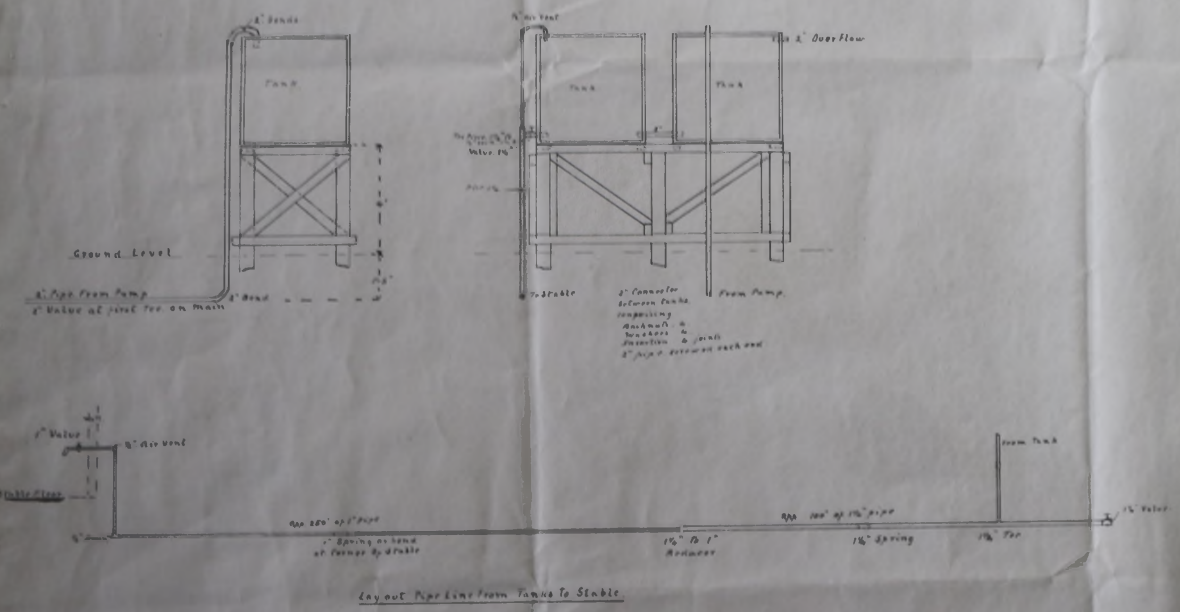
DETAIL OF HORIZON FIXING TO STANDARD WITH LOOSE KNEES

*Johnson*  
2.4.27



*Drawing No. 880*

# DETAIL OF PIPE CONNECTION TO TANKS ON RIDGE AND AT STABLE.

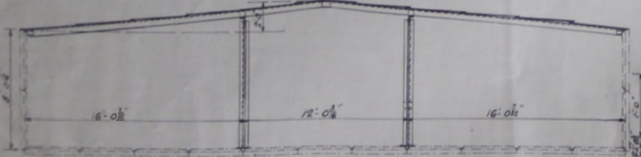
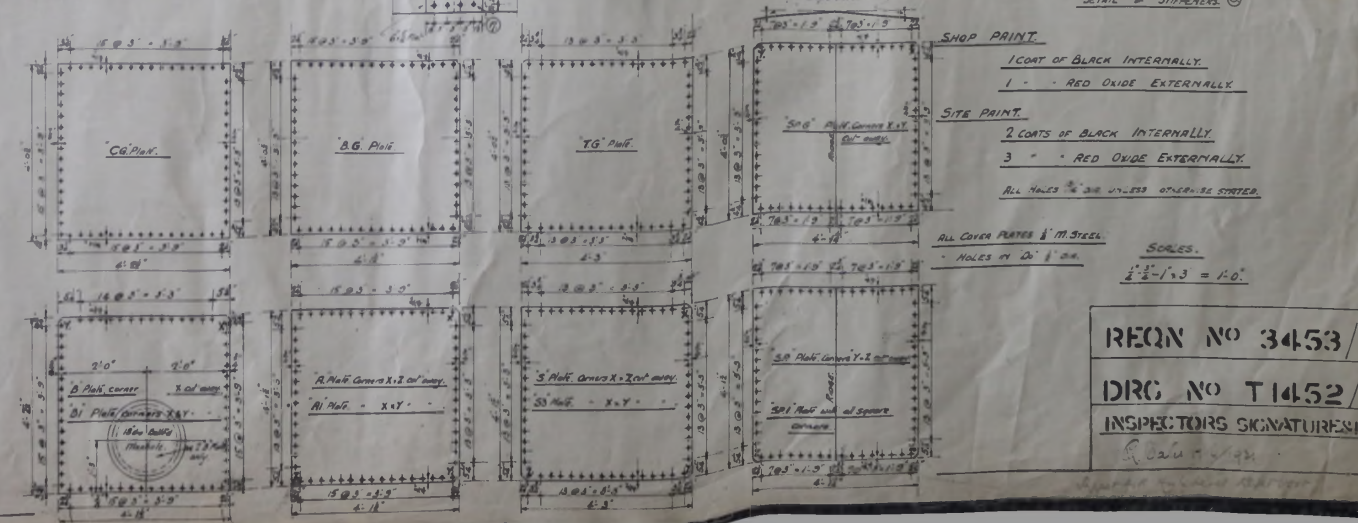
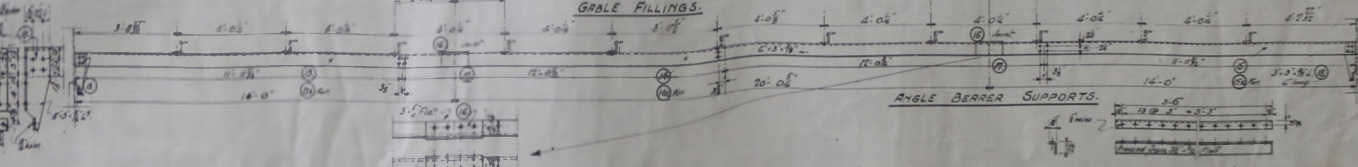
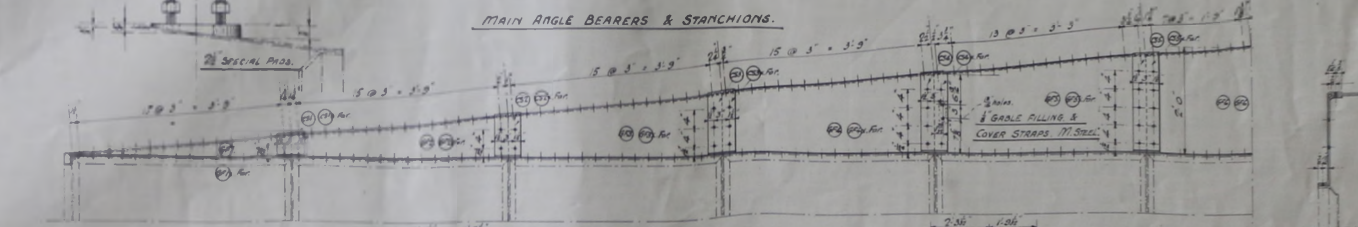
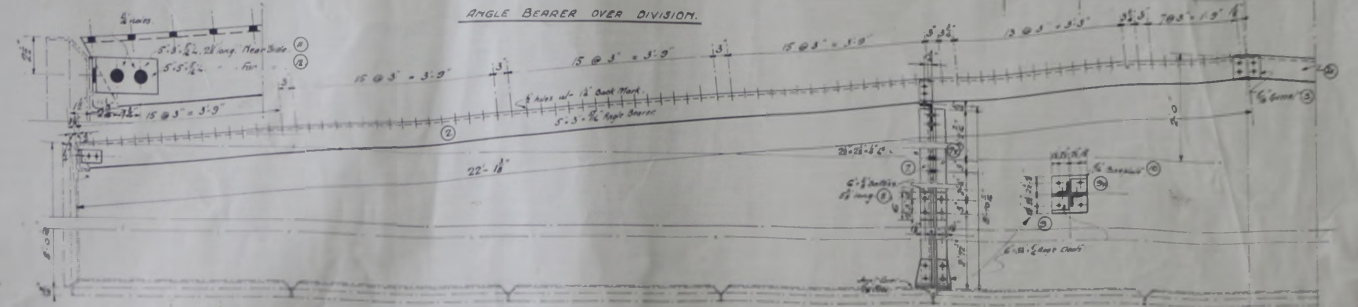
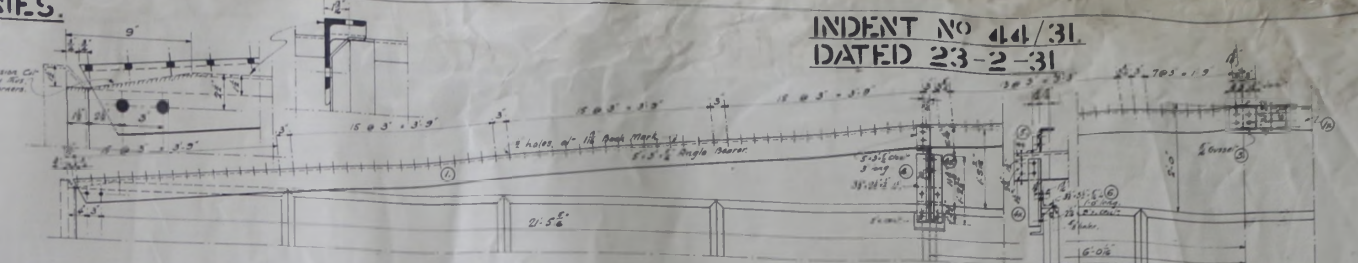




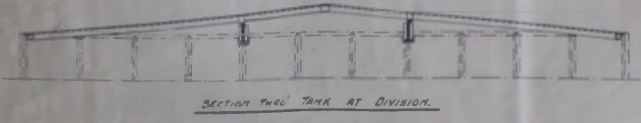
CROWN AGENTS FOR THE COLONIES.

**INDENT NO 44/31.  
DATED 23-2-31**

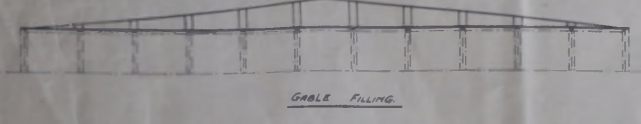
CG	AG	AG	AG	AG	AG	AG	AG	AG	AG	CG
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
S	A	A	A	S	SA	S	A	A	A	S
CG	AG	AG	AG	AG	AG	AG	AG	AG	AG	CG



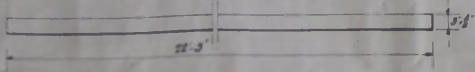
SECTION TANK



SECTION TANK AT DIVISION



GABLE FILLING



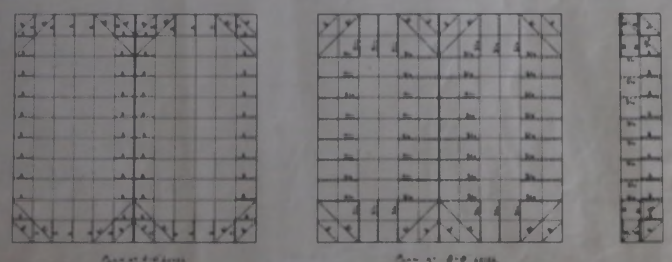
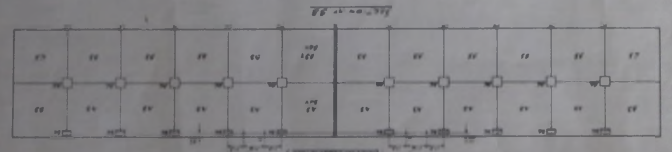
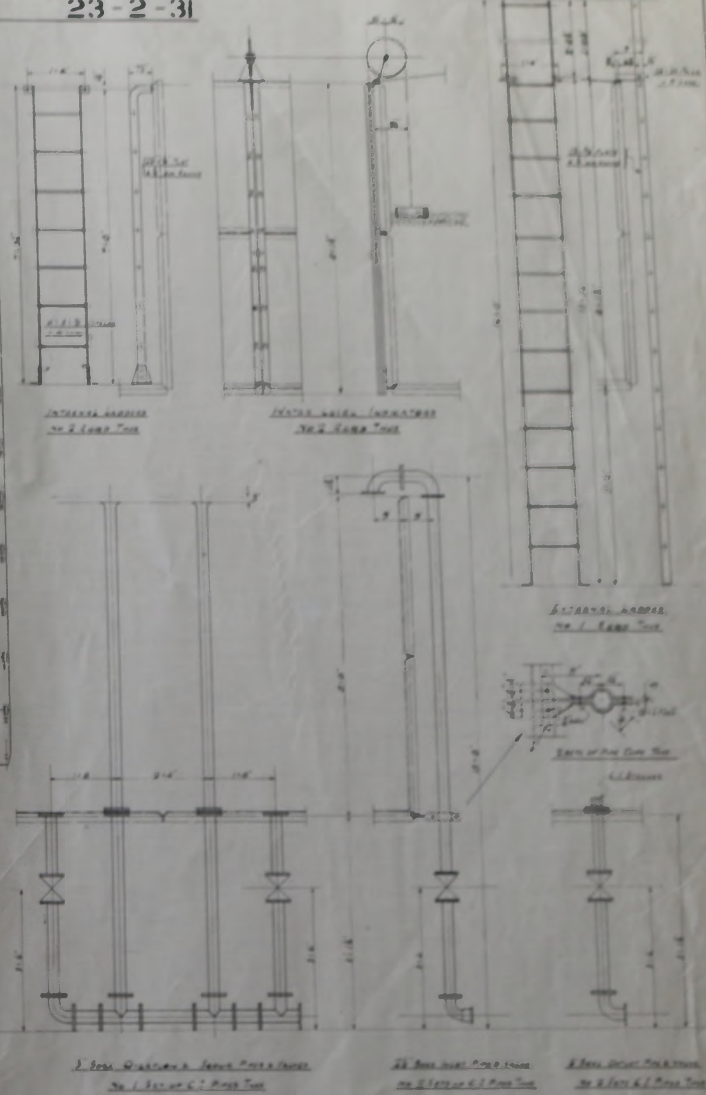
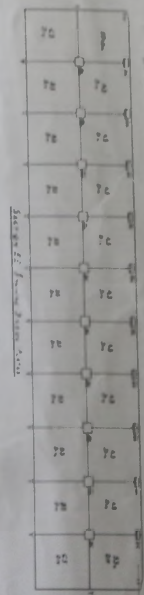
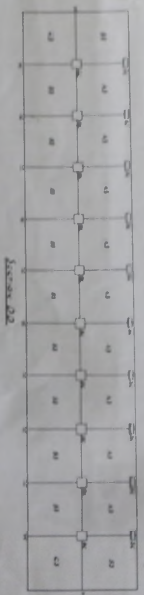
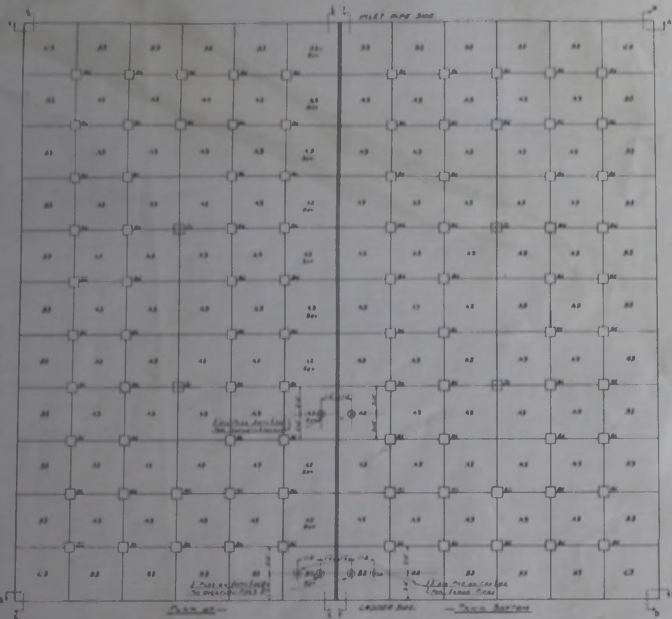
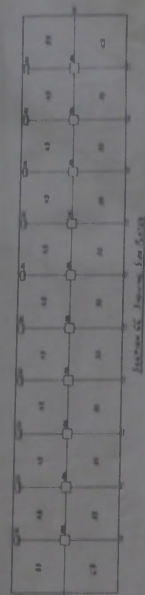
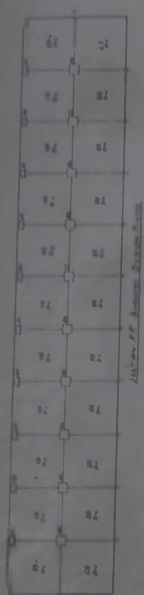
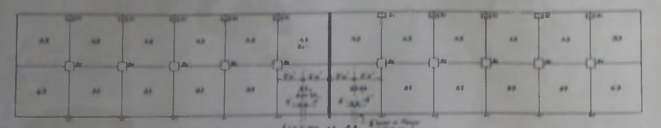
26 BEARER PLATE THUS

REQN NO 3453/2.  
DRG NO T1452/1.  
INSPECTOR'S SIGNATURE/DATE



# CROWN AGENTS FOR THE COLONIES

INDENT NO 44/31  
DATED 23-2-31

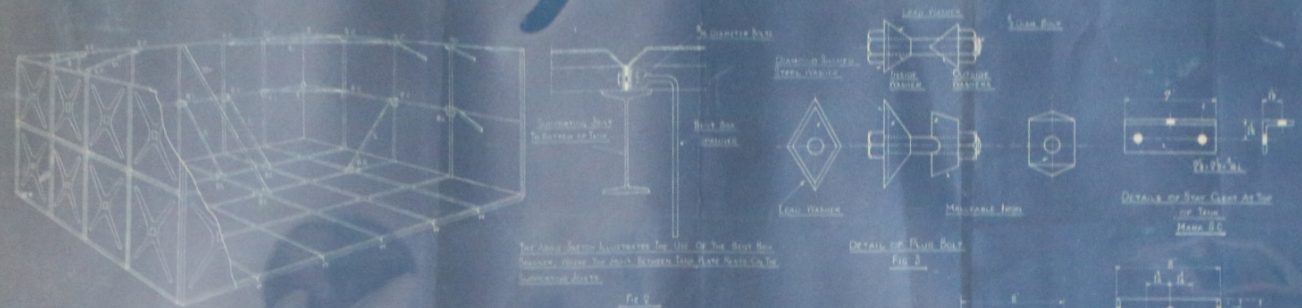


**Notes:**  
 The roof shall be made of corrugated iron  
 The roof shall be made of corrugated iron  
 The roof shall be made of corrugated iron  
 The roof shall be made of corrugated iron

6-1-31

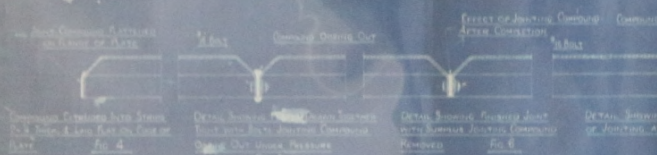
REQN NO 3453/2  
 DRC NO T1452/2  
 INSPECTOR'S SIGNATURE & DATE





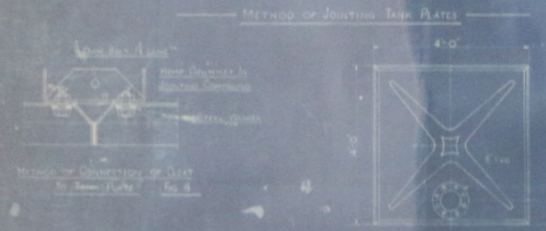
The floor bolts are inserted in the top of the floor plates, under the steel beams, into the steel plates, in the following order:

GENERAL VIEW SHOWING INSIDE OF TANK WITH STRUTS AND GIRDES



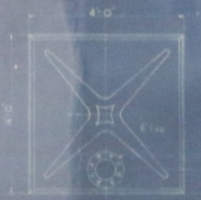
DETAIL SHOWING CONNECTION BETWEEN STEEL PLATES AND FLOOR PLATES

DETAIL OF BOLT USED FOR CONNECTION OF FLOOR PLATES TOGETHER AND ATTACHMENT OF STRUTS



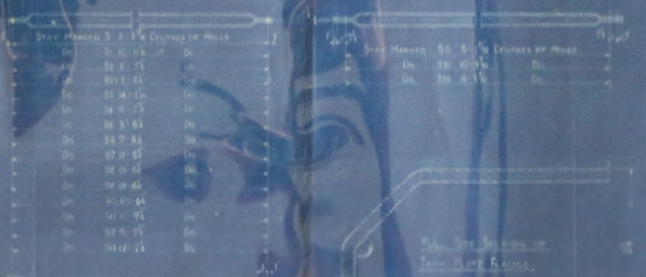
METHOD OF JOINTING TANK PLATES

METHOD OF CONNECTION OF DECK TO BEAM FLANGE



METHOD OF CONNECTION OF DECK TO BEAM FLANGE

Size of Plate	Size of Flange	Size of Bolt	Size of Nut
1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	3/4"
1"	1"	1"	1"
1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 1/2"	1 1/2"	1 1/2"	1 1/2"
2"	2"	2"	2"
2 1/2"	2 1/2"	2 1/2"	2 1/2"
3"	3"	3"	3"
3 1/2"	3 1/2"	3 1/2"	3 1/2"
4"	4"	4"	4"
4 1/2"	4 1/2"	4 1/2"	4 1/2"
5"	5"	5"	5"
5 1/2"	5 1/2"	5 1/2"	5 1/2"
6"	6"	6"	6"
6 1/2"	6 1/2"	6 1/2"	6 1/2"
7"	7"	7"	7"
7 1/2"	7 1/2"	7 1/2"	7 1/2"
8"	8"	8"	8"
8 1/2"	8 1/2"	8 1/2"	8 1/2"
9"	9"	9"	9"
9 1/2"	9 1/2"	9 1/2"	9 1/2"
10"	10"	10"	10"
10 1/2"	10 1/2"	10 1/2"	10 1/2"
11"	11"	11"	11"
11 1/2"	11 1/2"	11 1/2"	11 1/2"
12"	12"	12"	12"
12 1/2"	12 1/2"	12 1/2"	12 1/2"
13"	13"	13"	13"
13 1/2"	13 1/2"	13 1/2"	13 1/2"
14"	14"	14"	14"
14 1/2"	14 1/2"	14 1/2"	14 1/2"
15"	15"	15"	15"
15 1/2"	15 1/2"	15 1/2"	15 1/2"
16"	16"	16"	16"
16 1/2"	16 1/2"	16 1/2"	16 1/2"
17"	17"	17"	17"
17 1/2"	17 1/2"	17 1/2"	17 1/2"
18"	18"	18"	18"
18 1/2"	18 1/2"	18 1/2"	18 1/2"
19"	19"	19"	19"
19 1/2"	19 1/2"	19 1/2"	19 1/2"
20"	20"	20"	20"



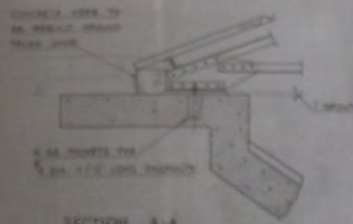
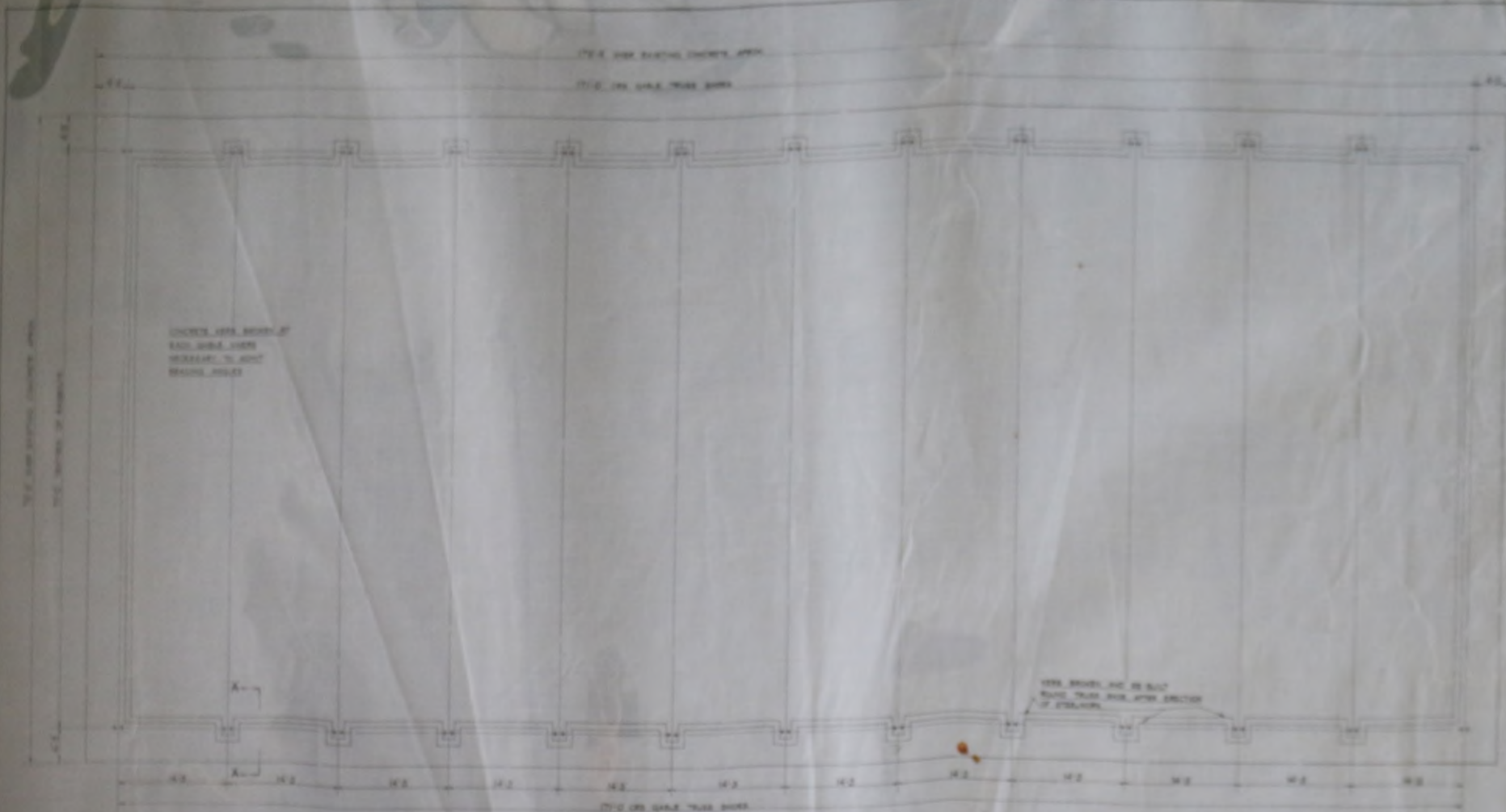
Steel Marked 2, 3 & 4	Steel Marked 5, 6 & 7
1/2"	1/2"
3/4"	3/4"
1"	1"
1 1/4"	1 1/4"
1 1/2"	1 1/2"
2"	2"
2 1/2"	2 1/2"
3"	3"
3 1/2"	3 1/2"
4"	4"
4 1/2"	4 1/2"
5"	5"
5 1/2"	5 1/2"
6"	6"
6 1/2"	6 1/2"
7"	7"
7 1/2"	7 1/2"
8"	8"
8 1/2"	8 1/2"
9"	9"
9 1/2"	9 1/2"
10"	10"
10 1/2"	10 1/2"
11"	11"
11 1/2"	11 1/2"
12"	12"
12 1/2"	12 1/2"
13"	13"
13 1/2"	13 1/2"
14"	14"
14 1/2"	14 1/2"
15"	15"
15 1/2"	15 1/2"
16"	16"
16 1/2"	16 1/2"
17"	17"
17 1/2"	17 1/2"
18"	18"
18 1/2"	18 1/2"
19"	19"
19 1/2"	19 1/2"
20"	20"

### ERECTION INSTRUCTIONS

1. Erect foundations and level and complete by laying down plates on bottom of tank, commencing from bottom.
2. Erect girders commencing from bottom, after 2' rise, 3' rise & 4' rise, 5' rise, 6' rise, 7' rise, 8' rise, 9' rise, 10' rise, 11' rise, 12' rise, 13' rise, 14' rise, 15' rise, 16' rise, 17' rise, 18' rise, 19' rise, 20' rise.
3. Erect the girders, plates and bolts in the order.
4. Erect the struts, after the plates are fixed, from bottom to top.
5. Erect the girders, plates and bolts, after the struts are fixed, from bottom to top, in the order.
6. Erect the floor plates, after the girders are fixed, from bottom to top, in the order.
7. The floor plates, after being fixed, are to be fixed, and the bolts are to be fixed, in the order.
8. The bolts at bottom are to be fixed, after the girders are fixed, from bottom to top, in the order.
9. The bolts at top are to be fixed, after the girders are fixed, from bottom to top, in the order.
10. The bolts at the junction of the girders, plates and bolts, are to be fixed, from bottom to top, in the order.
11. The bolts at the junction of the girders, plates and bolts, are to be fixed, from bottom to top, in the order.
12. The bolts at the junction of the girders, plates and bolts, are to be fixed, from bottom to top, in the order.
13. The bolts at the junction of the girders, plates and bolts, are to be fixed, from bottom to top, in the order.
14. The bolts at the junction of the girders, plates and bolts, are to be fixed, from bottom to top, in the order.
15. The bolts at the junction of the girders, plates and bolts, are to be fixed, from bottom to top, in the order.

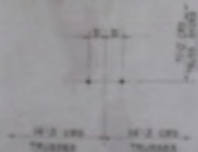
**PATENT PRESSED STEEL TANK.**  
**SOLE MAKERS.**  
**MESSRS IBRAITHWAITE, & CO.**  
**ENGINEERS, LTD.**  
**BROADWAY BUILDINGS,**  
**WESTMINSTER, LONDON, S.W.1.**  
**ENGLAND.**



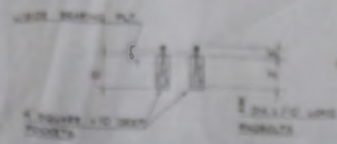


SECTION A-A

PLAN SHOWING RAFTER POSITIONS



SETTING OUT OF RAFTERS AT TRUSS SHOE



DETAIL OF RAFTERS & POCKETS

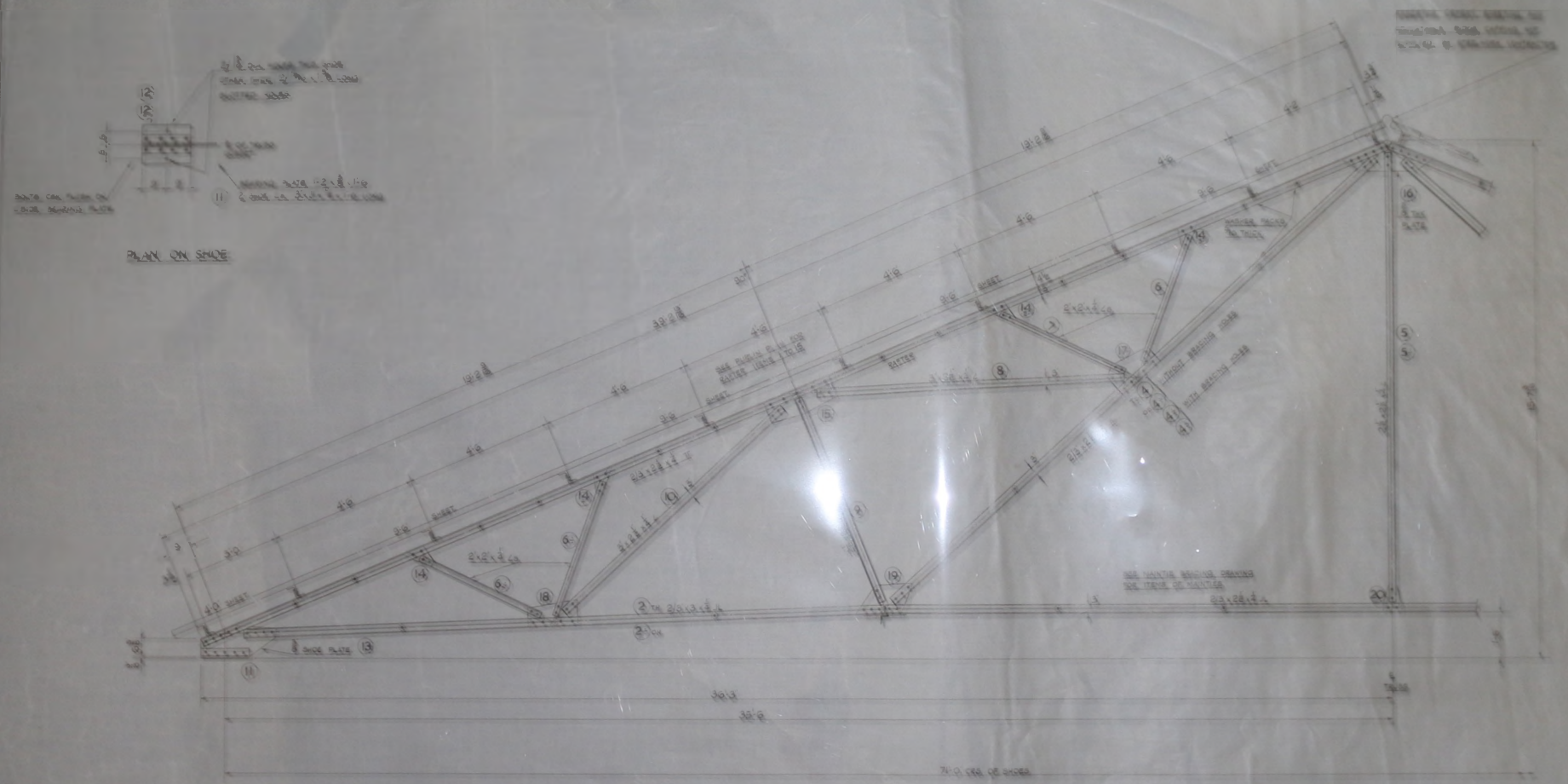
FALKLAND ISLANDS

ROOF OVER DAIRY Paddock RESERVOIR

SCALE 3/16" = 1' TO ONE FOOT

REQUISITION NO 692/1  
DRAWING NO 213654/1

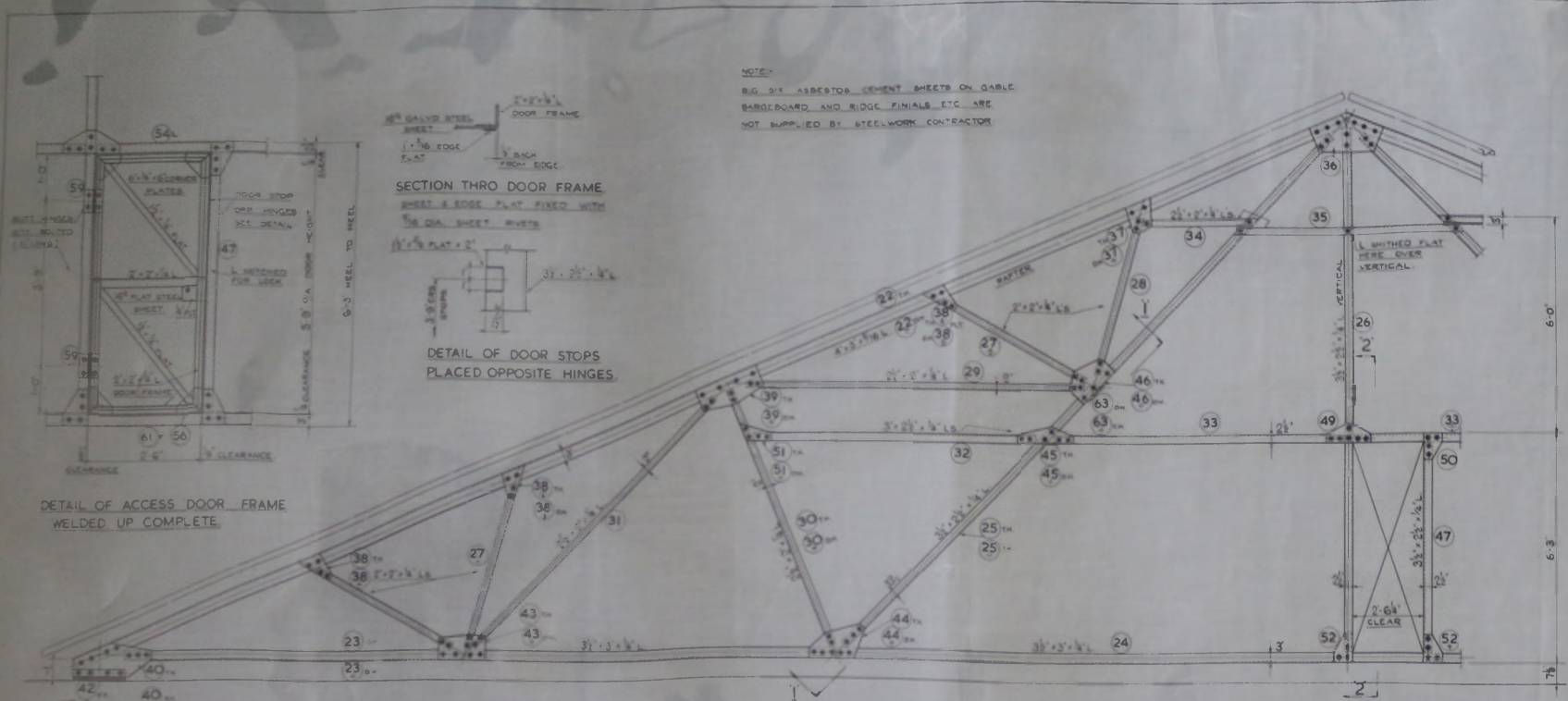




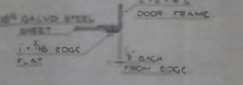
PART CROSS SECTION.

TRUSS SYMMETRICAL ABOUT CENTRE LINE  
 BOLTS TO 2 ANGLES 3/4 DIA ALL OTHERS 1/2 DIA  
 PLATES 3/8 THICK UNLESS WHERE NOTED OTHERWISE

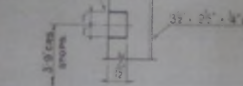




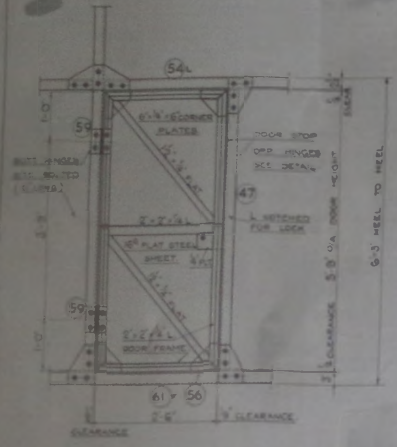
NOTE:  
 BIG SIX ASBESTOS CEMENT SHEETS ON GABLE  
 BARGEBOARD AND RIDGE FINIALS ETC. ARE  
 NOT SUPPLIED BY STEELWORK CONTRACTOR



SECTION THRO DOOR FRAME  
 SHEET & EDGE PLAT FINED WITH  
 3/8 DIA. SHEET RIVETS

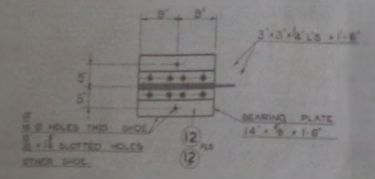


DETAIL OF DOOR STOPS  
 PLACED OPPOSITE HINGES

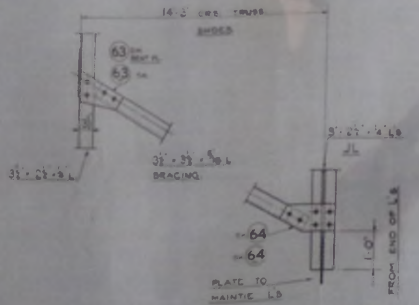


DETAIL OF ACCESS DOOR FRAME  
 WELDED UP COMPLETE

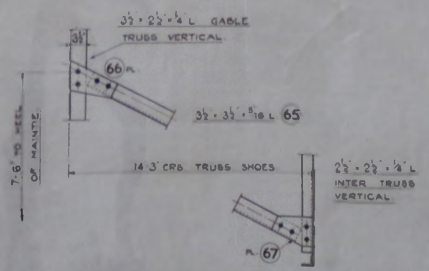
PART GABLE TRUSS SYMMETRICAL ABOUT 1-1 EXCEPT FOR DOOR  
 2 GABLES READ AS DRAWN ALL GUSSETS 5/16 THICK  
 BOLTS TO 2" LEG 5/8 DIAMETER ALL OTHERS 3/4 DIAMETER  
 ALL BOLTS COUNTERSUNK OUTSIDE FACE



PLAN ON SHOE

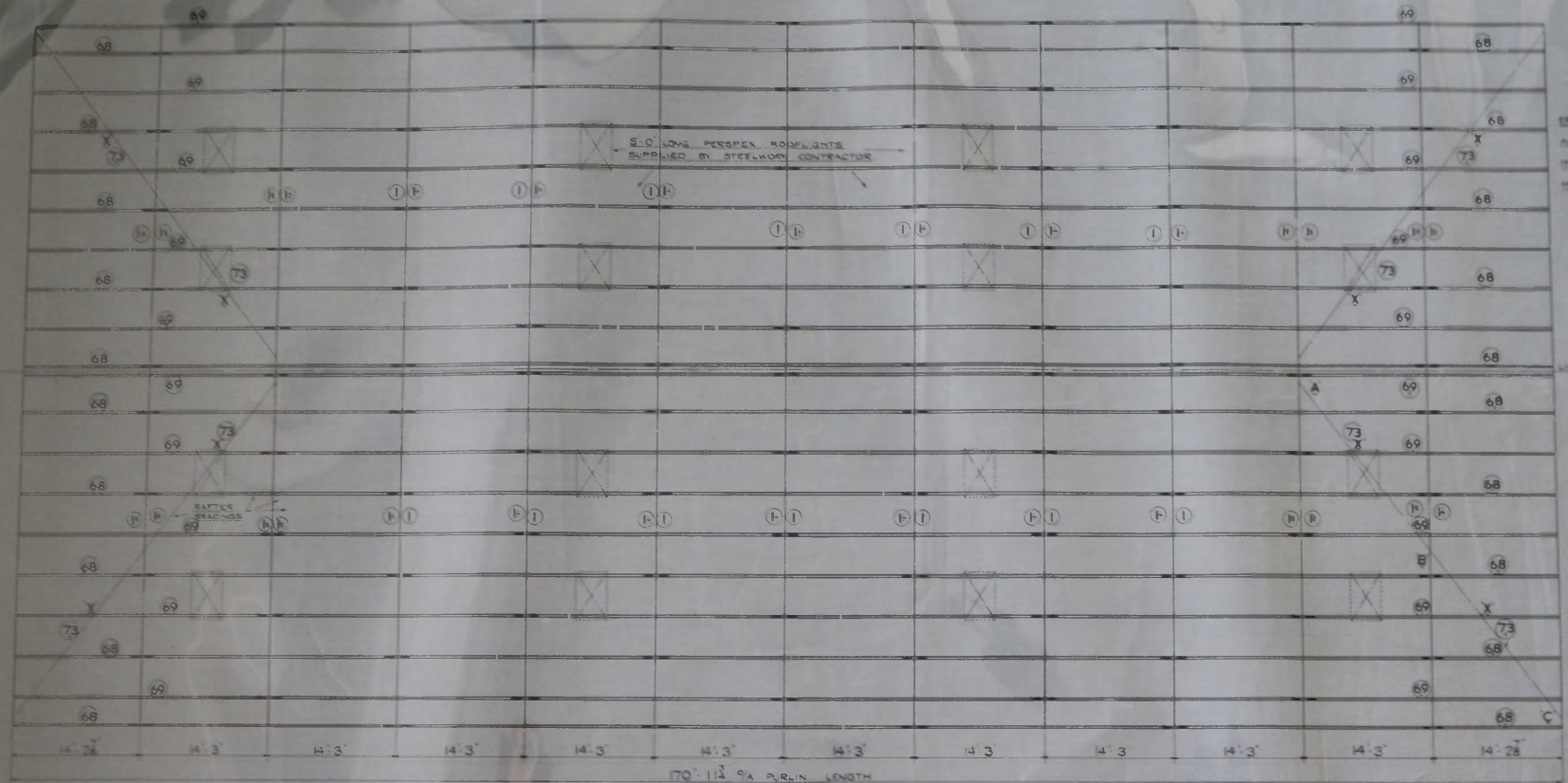


SECTION 1-1  
 BOLTS 3/4 DIA PLATES 5/16 THICK



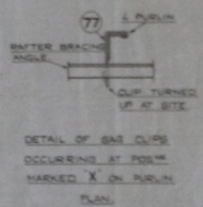
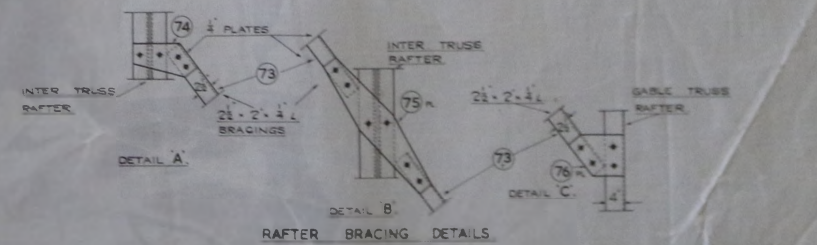
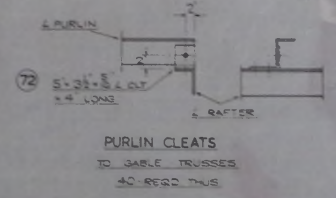
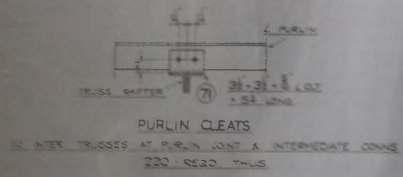
SECTION 2-2  
 BOLTS 3/4 DIA PLATES 5/16 THICK



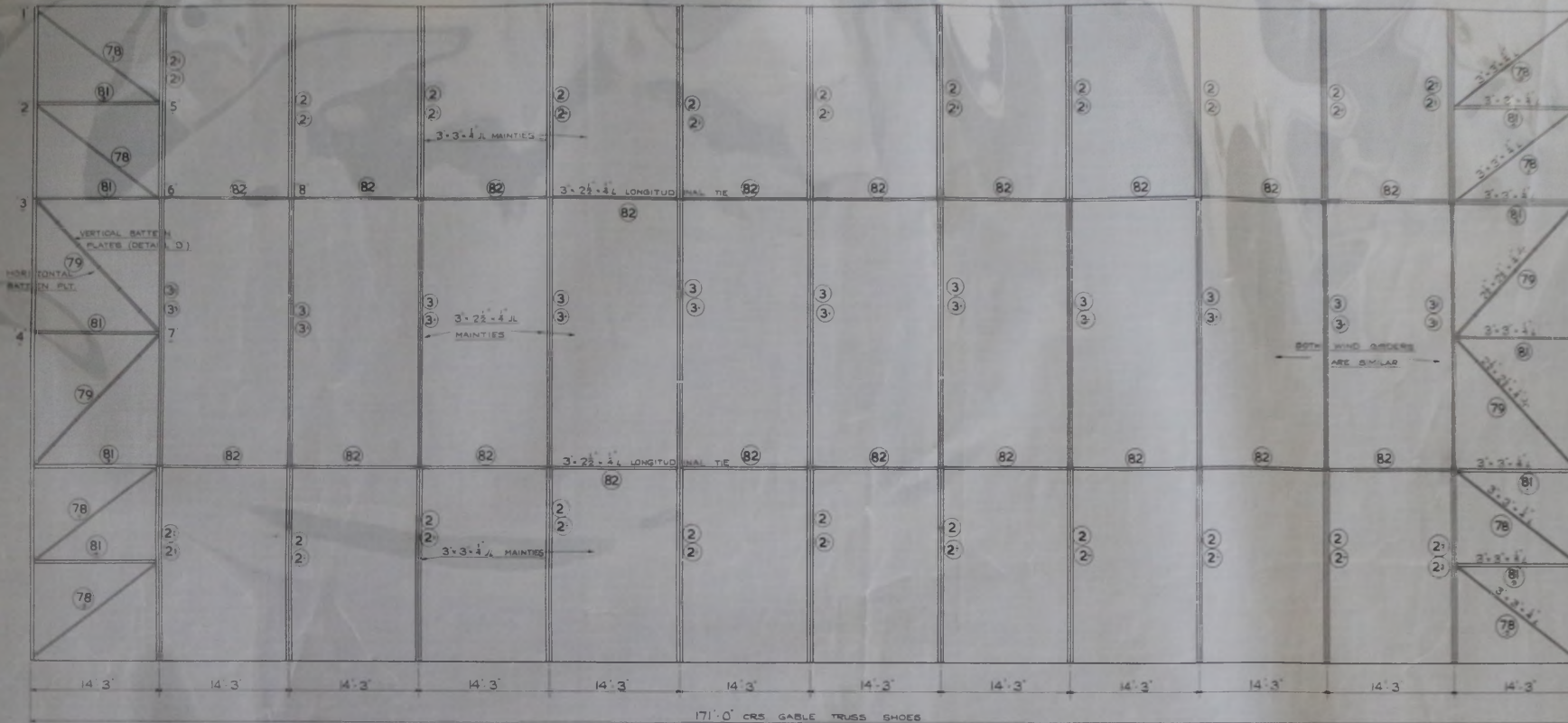


170' 11 1/2" PURLIN LENGTH

PURLIN PLAN  
ALL PURLINS 4 x 3 x 3 ANGLES  
BOLTS 3/4" DIAMETER



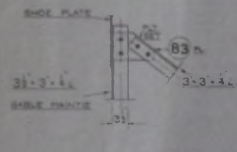




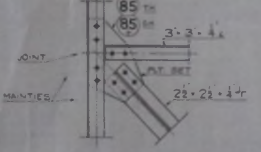
171'-0" CRS GABLE TRUSS SHOES



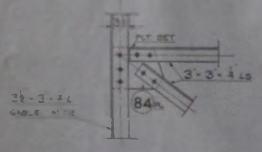
PLAN ON MAINTIE BRACING.  
PLATES 1/2" THICK BOLTS 1/2" DIAMETER



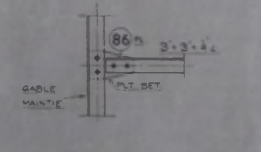
DETAIL 1



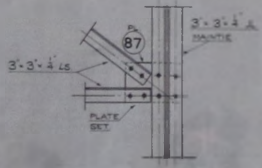
DETAIL 3



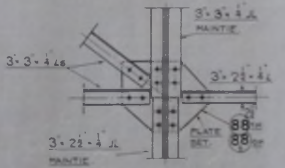
DETAIL 2



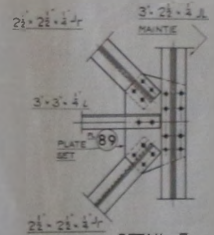
DETAIL 4



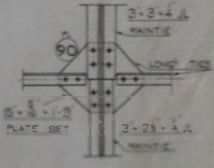
DETAIL 5



DETAIL 6



DETAIL 7



DETAIL 8



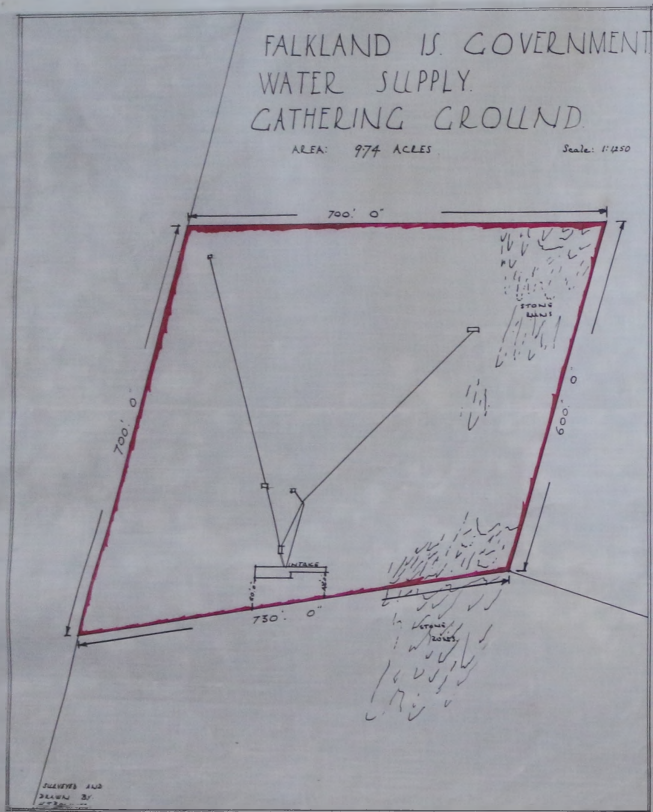
# WATER-WATER SUPPLY GATHERING GROUND

(a)

## FALKLAND IS. GOVERNMENT WATER SUPPLY. GATHERING GROUND.

AREA: 974 ACRES

Scale: 1"=250'



## = STANLEY = WATER SUPPLY - GATHERING GROUND.

- 61.536 ACRES -



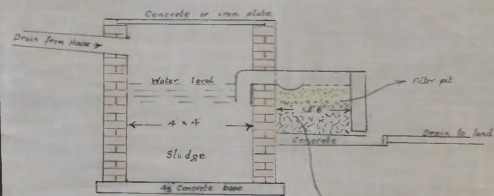
Gathering Ground shown from

Scale 400 FEET = 1 inch

MCA-46-WA-0019

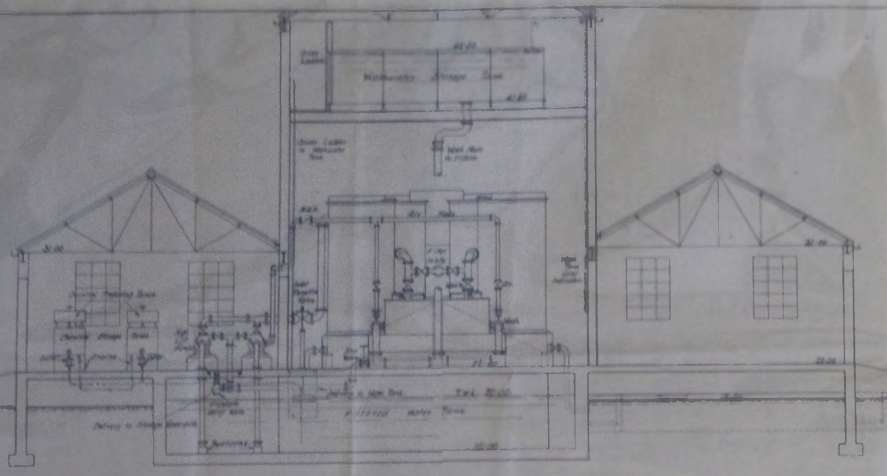
(c)

### EXTERNAL FILTER

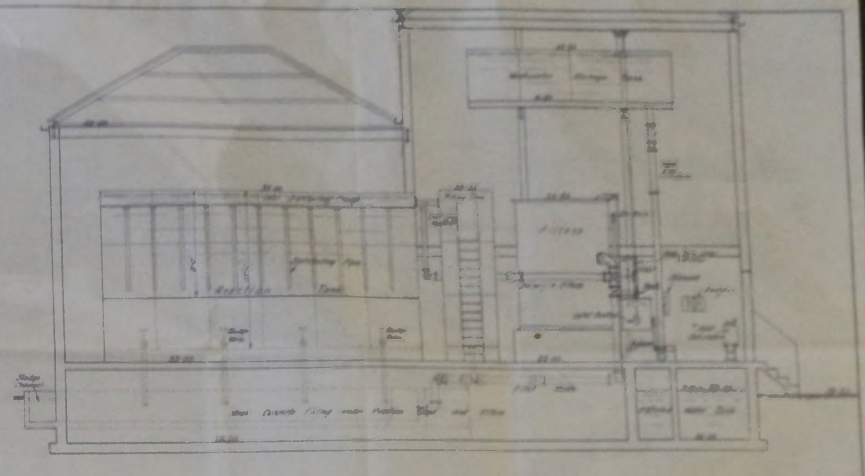


Stone and shingle graded to slope for No. 100 layer

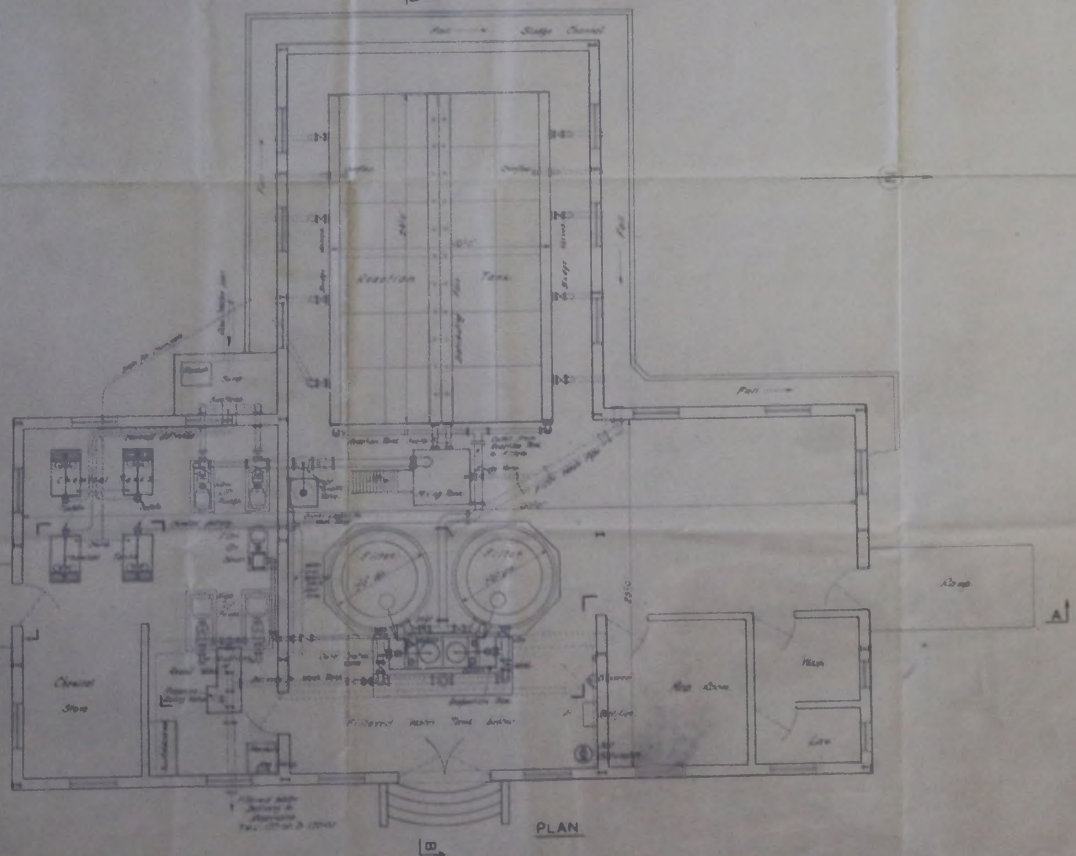




LONGITUDINAL SECTION A.A.



CROSS SECTION B.B.

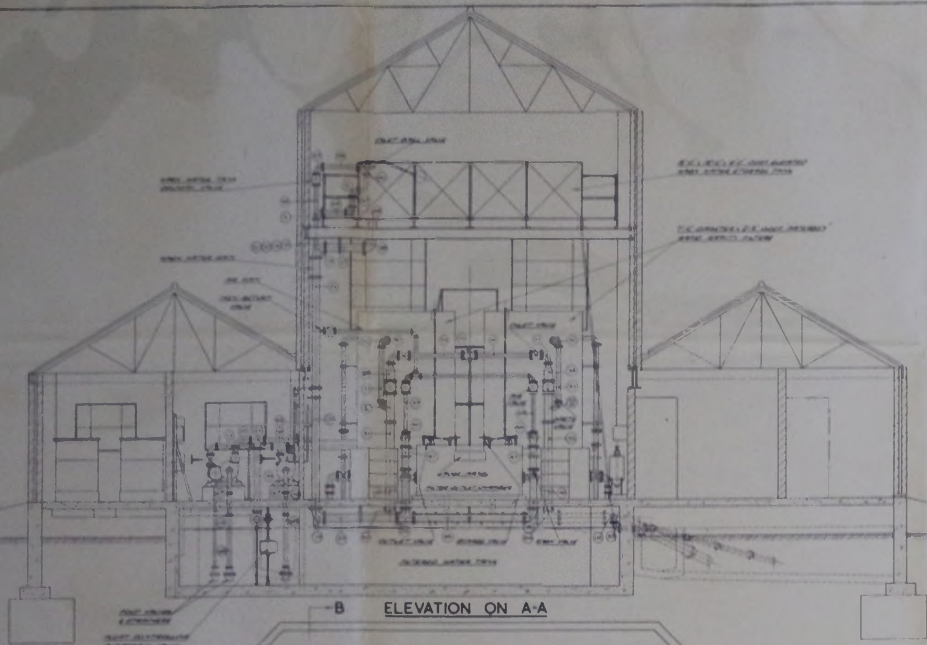


PLAN

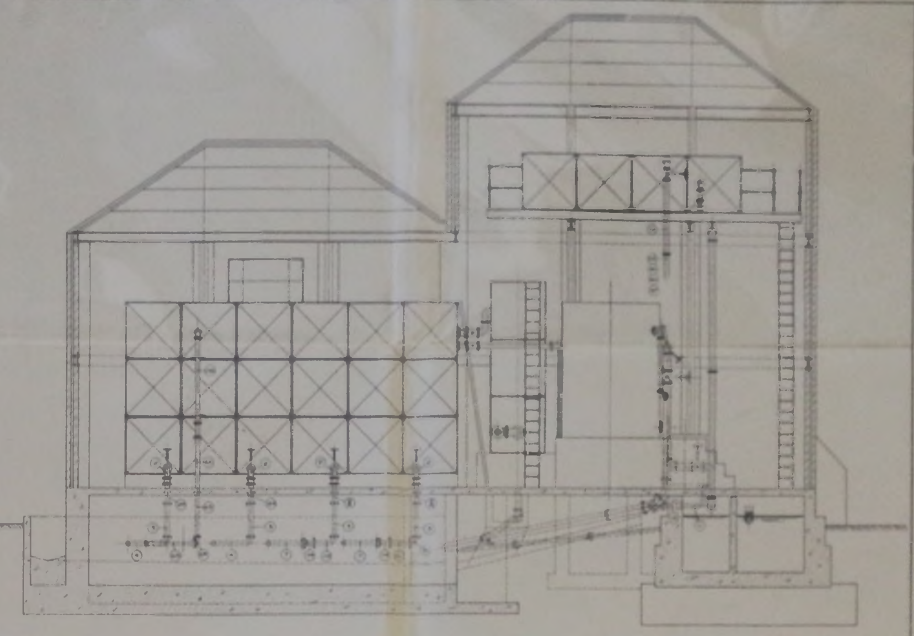
FALKLAND ISLANDS WATERWORKS  
 PORT STANLEY  
 ARRANGEMENT OF PROPOSED PUMPING AND  
 FILTRATION PLANT

THE PATERSON ENGINEERING CO. LTD.  
 WINDSOR HOUSE, KINGSWAY, LONDON, W.C.2  
 SCALE 1/4" = 1' (SEE DRAWING 72134)  
 DATE 30-6-54 REF NO. Z. 26187

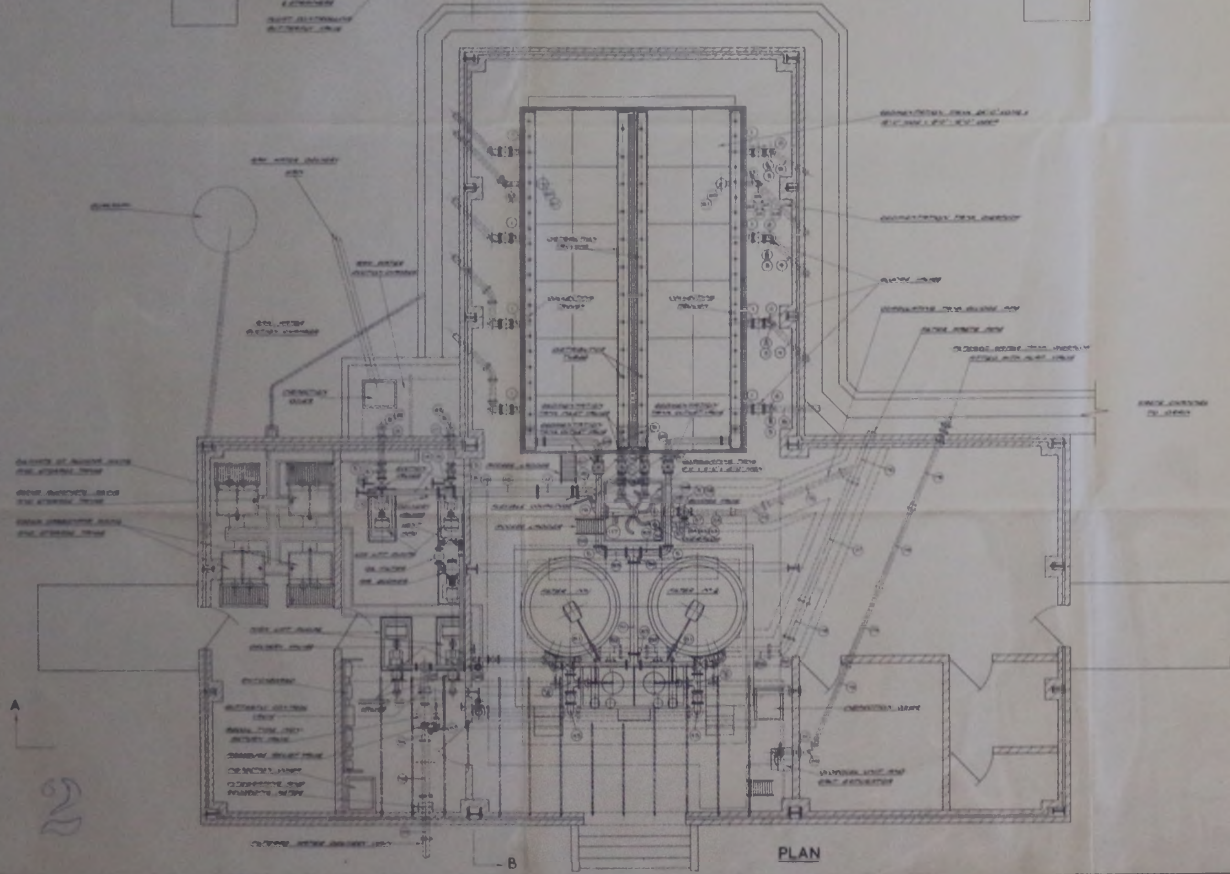




B ELEVATION ON A-A



ELEVATION ON B-B



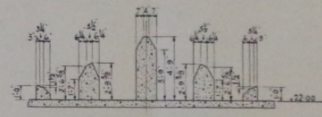
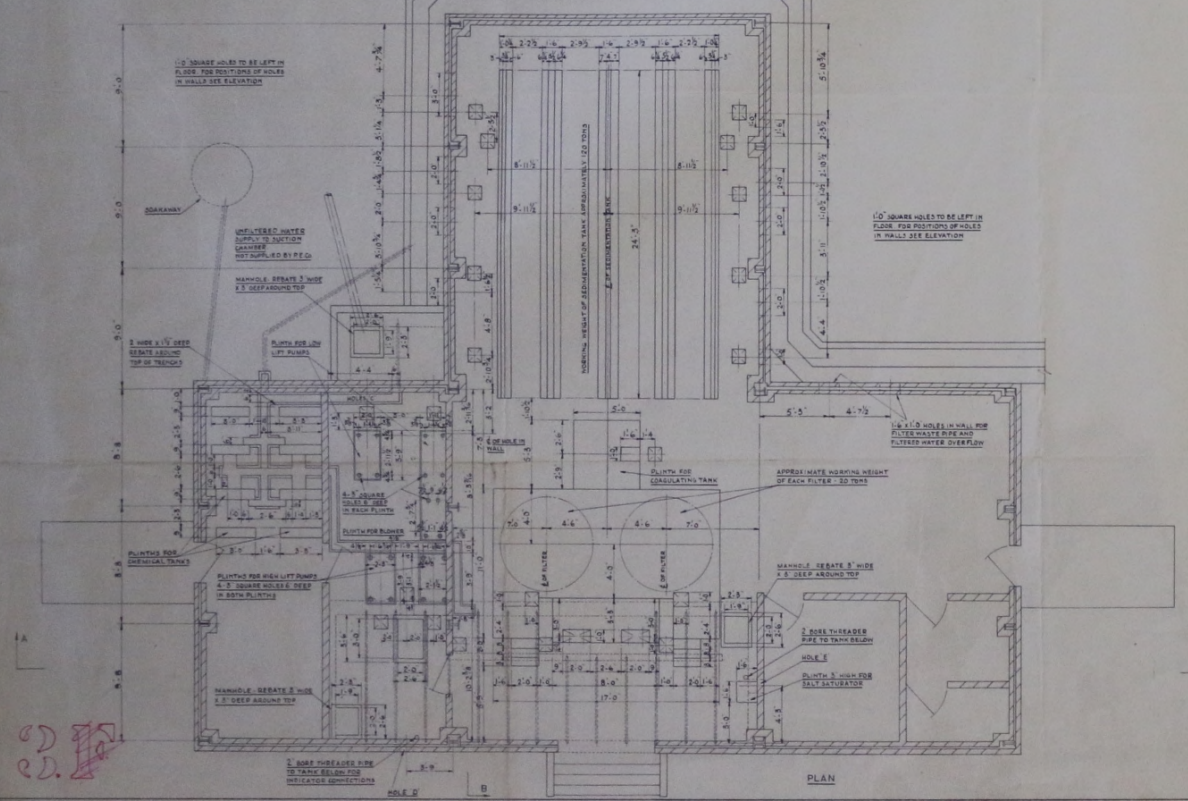
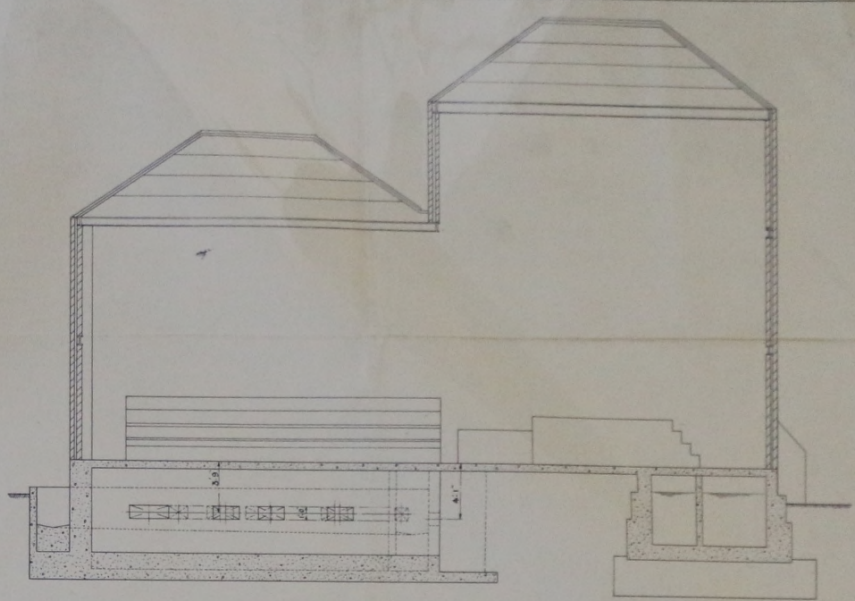
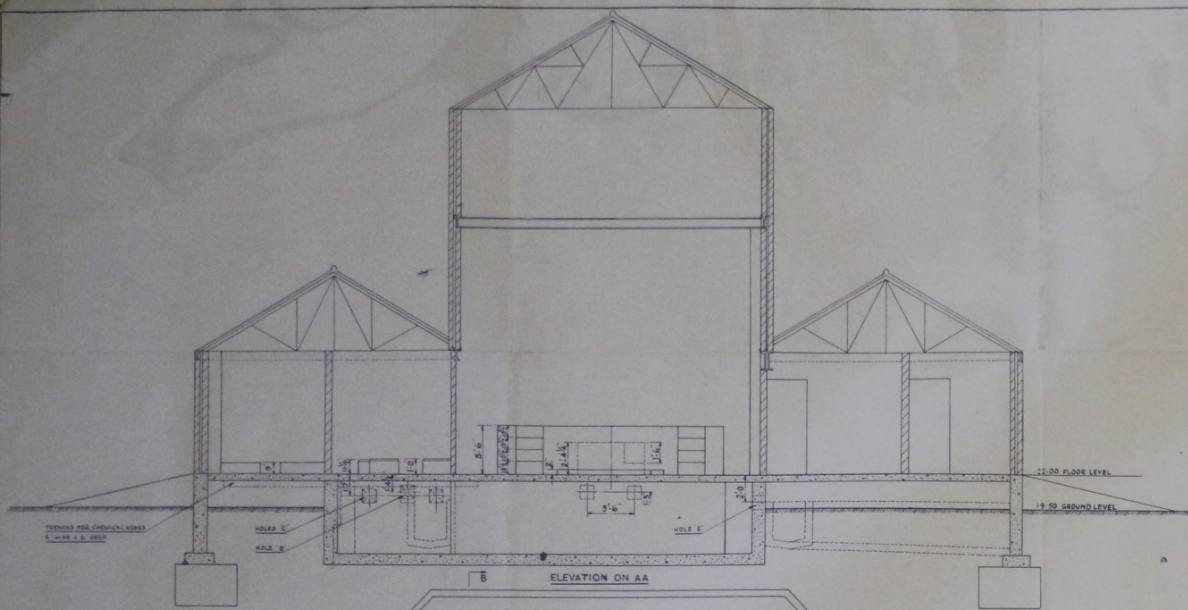
PLAN

GENERAL ARRANGEMENT  
 OF  
PATERSON WATER TREATMENT PLANT  
 FOR  
FALKLAND ISLANDS WATER SUPPLY  
PORT STANLEY

THE PATERSON ENGINEERING CO. LTD WINDSOR HOUSE KINGSWAY LONDON W.C.2		
SCALE 1/4" = 1'	DWG. NO. 93151/B	INITIALS
DATE 10/4/56	REV. NO. 4061	

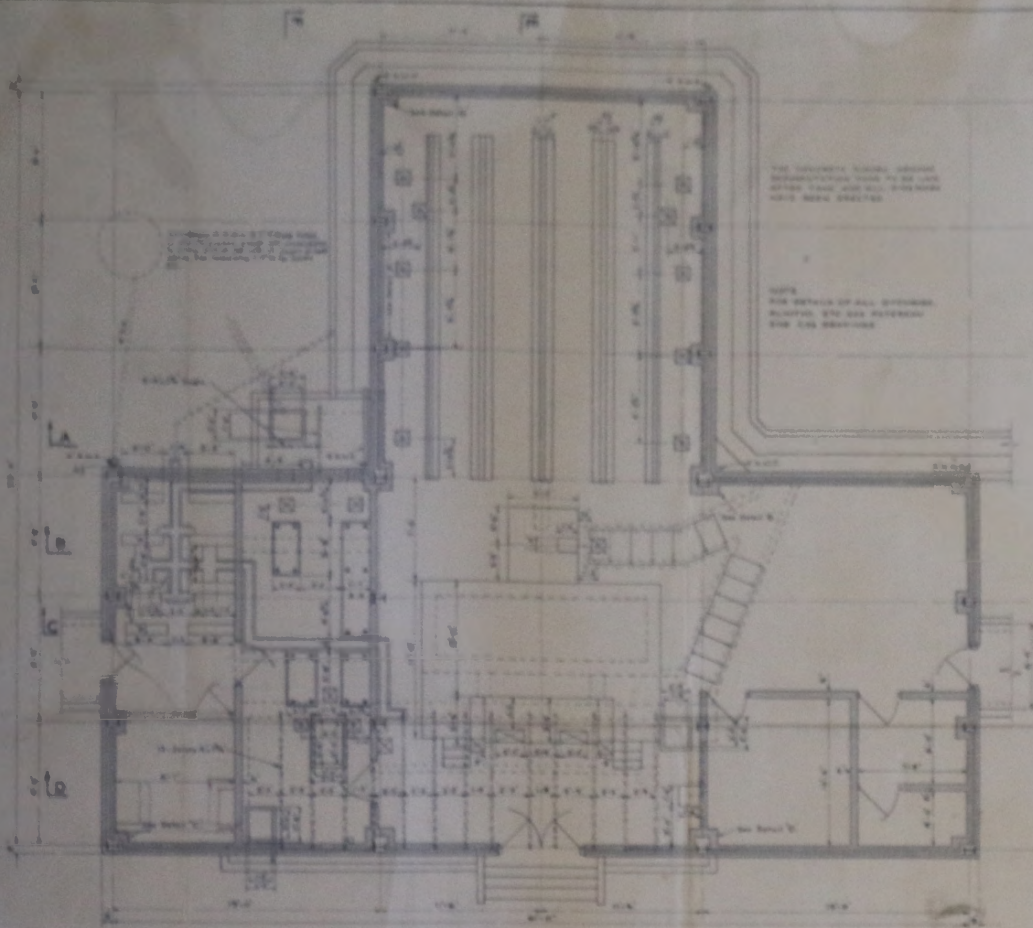
2



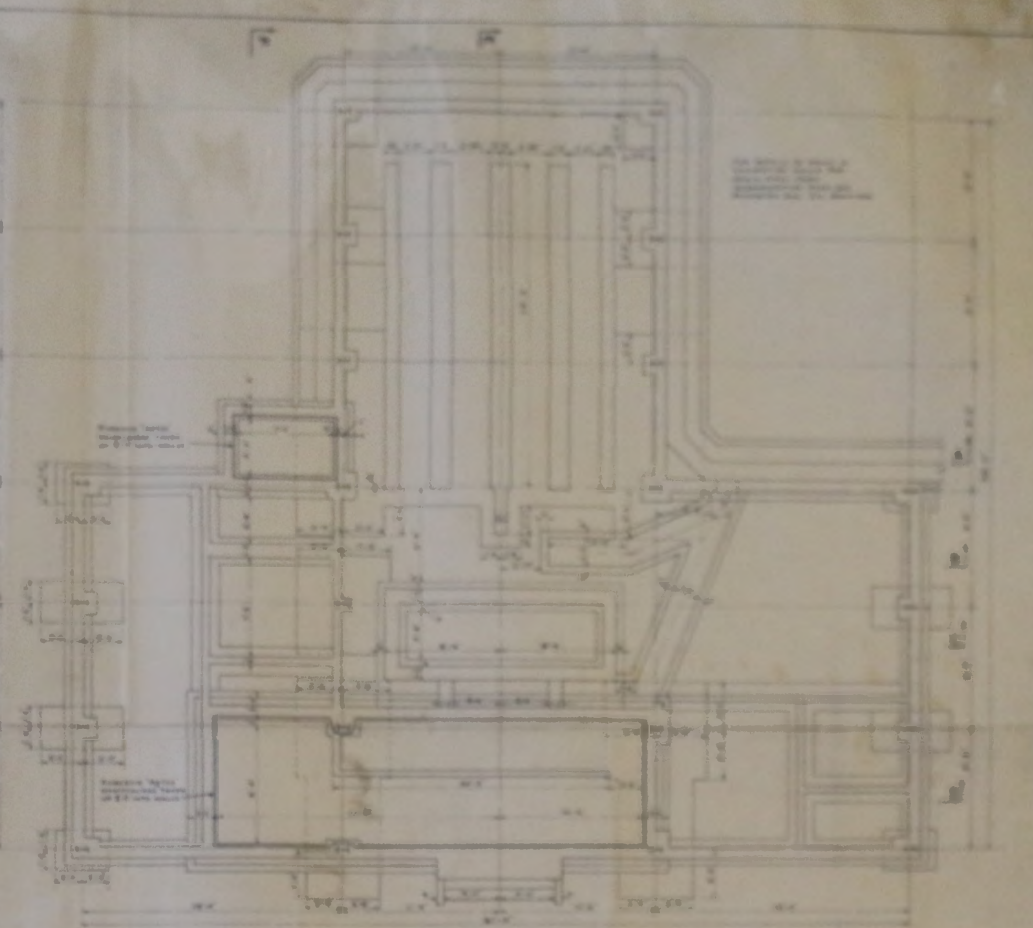


FOUNDATION DETAILS OF WATER PURIFICATION PLANT  
 FOR  
 FALKLAND ISLANDS WATER SUPPLY  
 PORT STANLEY

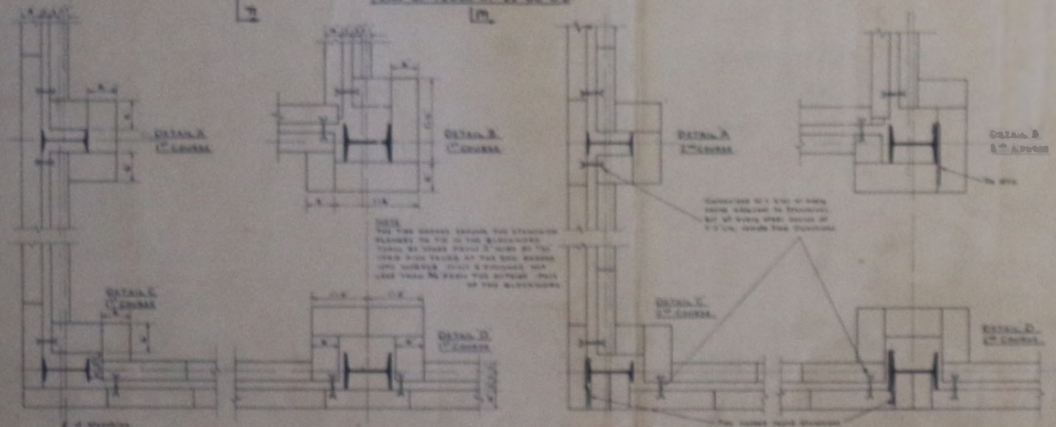




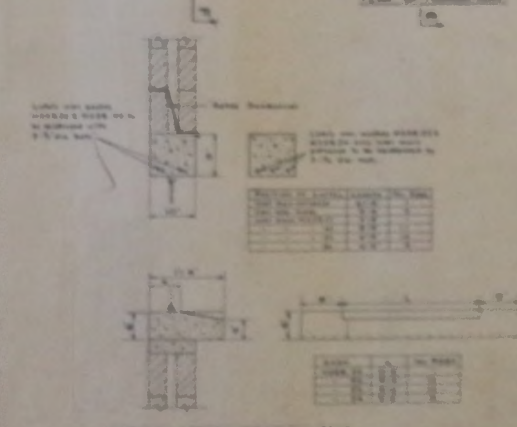
PLAN OF FLOOR AT 32.00 O.D.



PLAN OF FLOOR AT 32.00 O.D.



ARRANGEMENT OF BLOCKS AROUND STANCHIONS



DETAILS OF VERTICAL AND HORIZONTAL PIPES

- SPECIFICATION**
- The concrete shall be of the strength of 2,000 lbs. per sq. in.
  - The steel shall be of the strength of 36,000 lbs. per sq. in.
  - The reinforcement shall be of the strength of 60,000 lbs. per sq. in.
  - The concrete shall be of the strength of 2,000 lbs. per sq. in.
  - The steel shall be of the strength of 36,000 lbs. per sq. in.
  - The reinforcement shall be of the strength of 60,000 lbs. per sq. in.
  - The concrete shall be of the strength of 2,000 lbs. per sq. in.
  - The steel shall be of the strength of 36,000 lbs. per sq. in.
  - The reinforcement shall be of the strength of 60,000 lbs. per sq. in.
  - The concrete shall be of the strength of 2,000 lbs. per sq. in.
  - The steel shall be of the strength of 36,000 lbs. per sq. in.
  - The reinforcement shall be of the strength of 60,000 lbs. per sq. in.

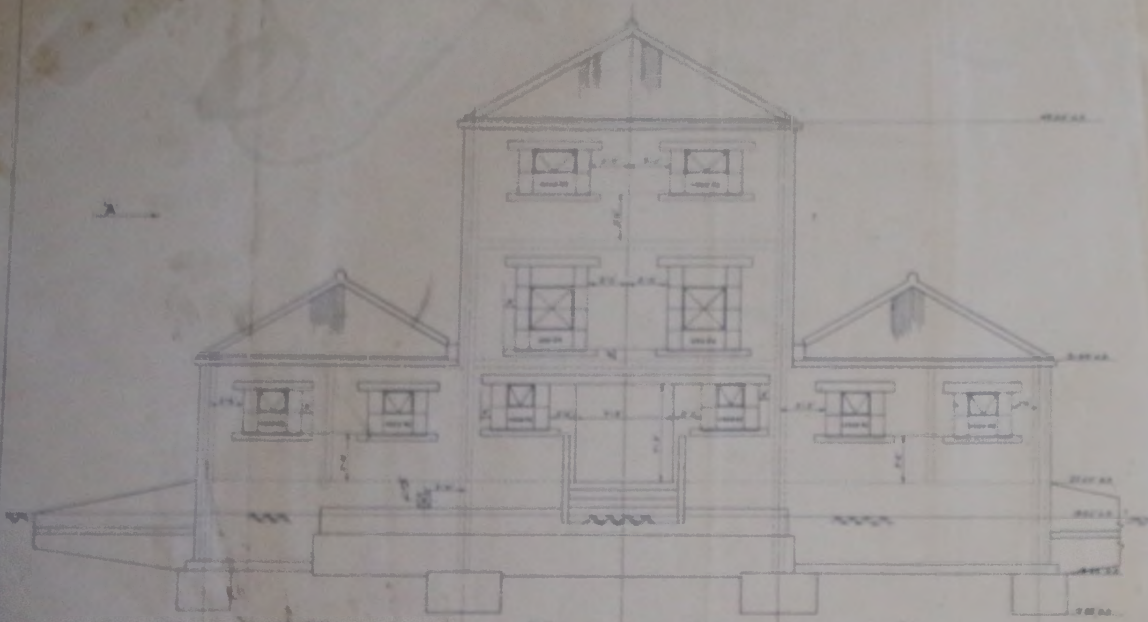
**STRUCTURE & MATERIALS**  
 CIVIL ENGINEERING  
 61 HINDS STREET, SYDNEY, N.S.W.  
**FALKLAND ISLANDS WATERWORKS**  
 GENERAL ARRANGEMENT  
 PLANS

Scale: 1/4" = 1'-0"

Page 1 of 1

DRG NO 1721

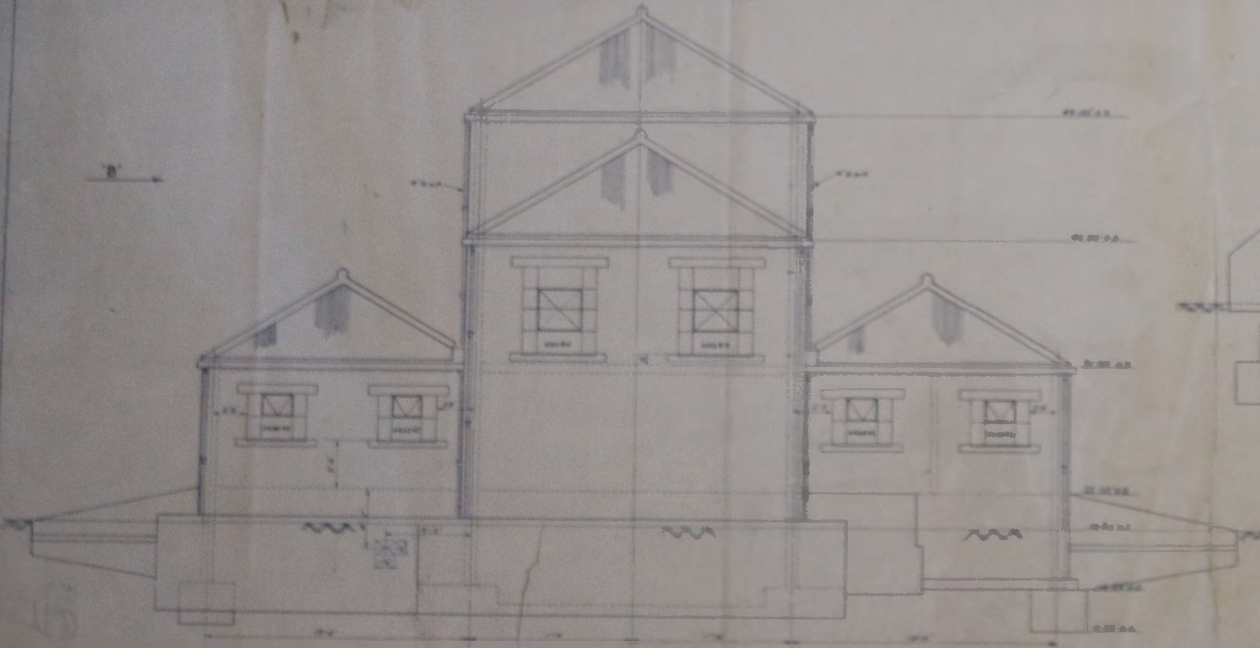




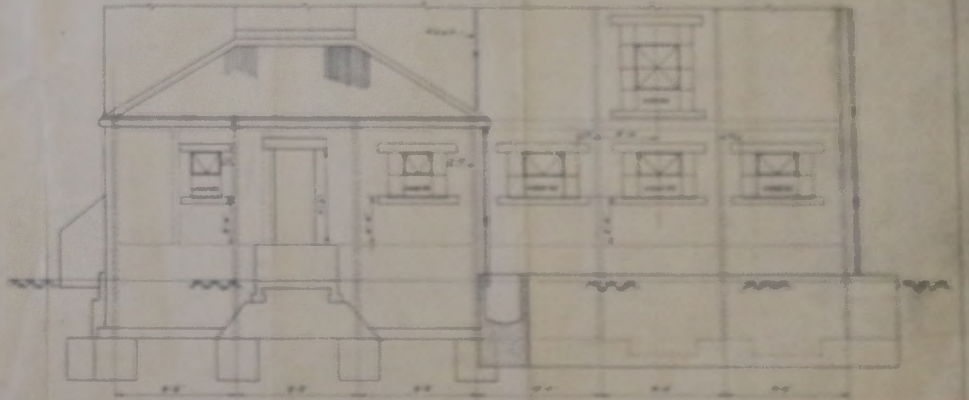
FRONT ELEVATION



SIDE ELEVATION X



REAR ELEVATION

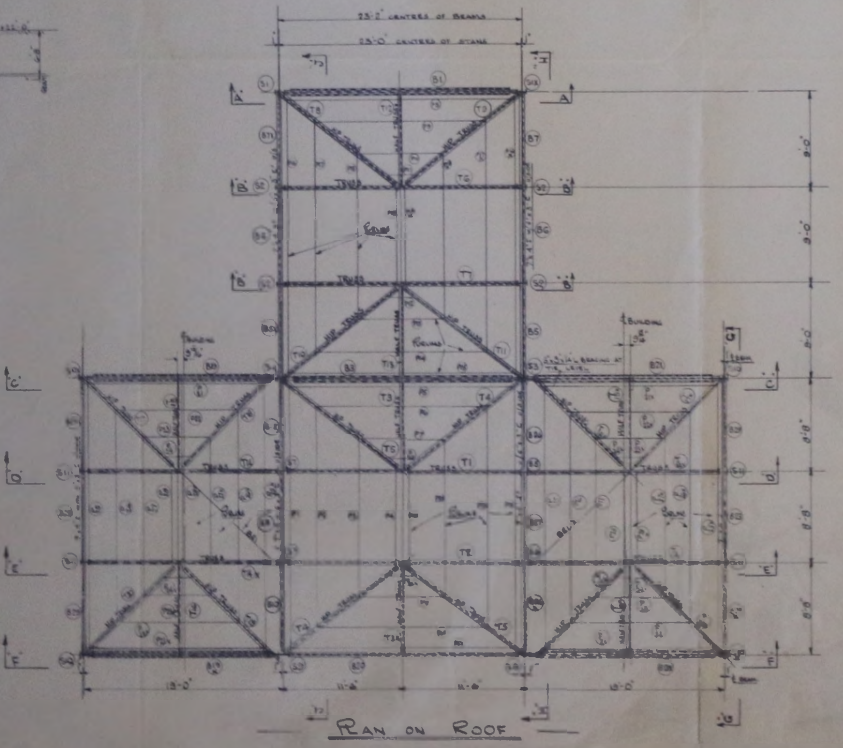
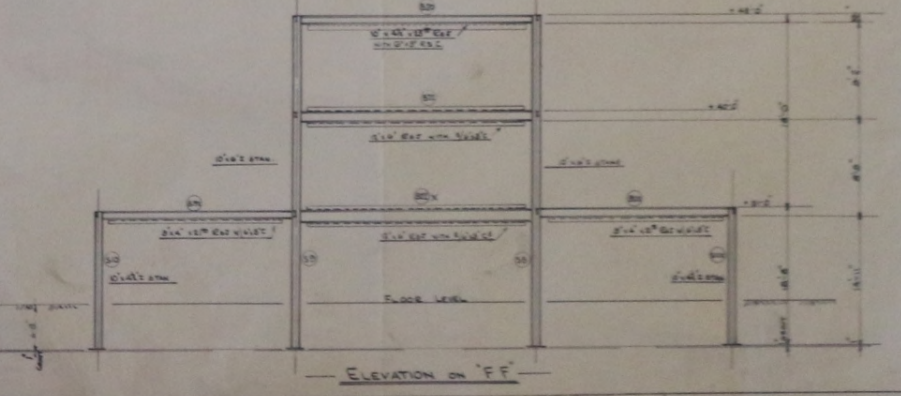
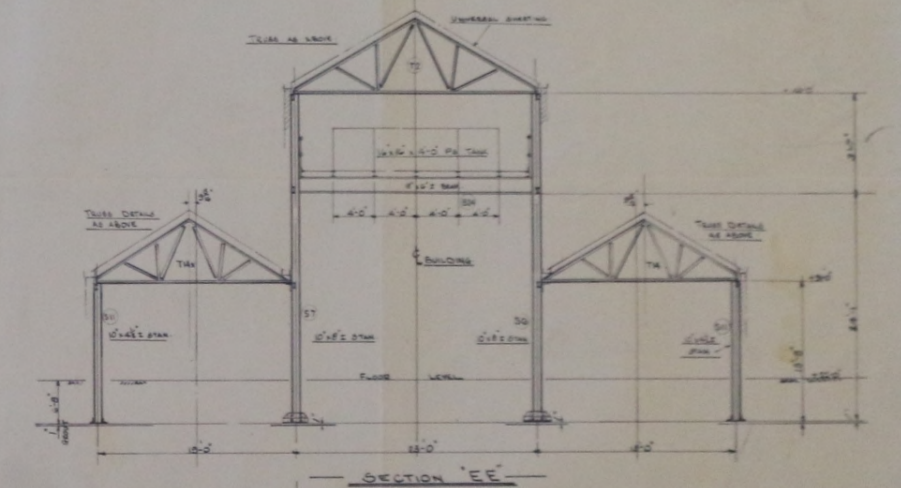
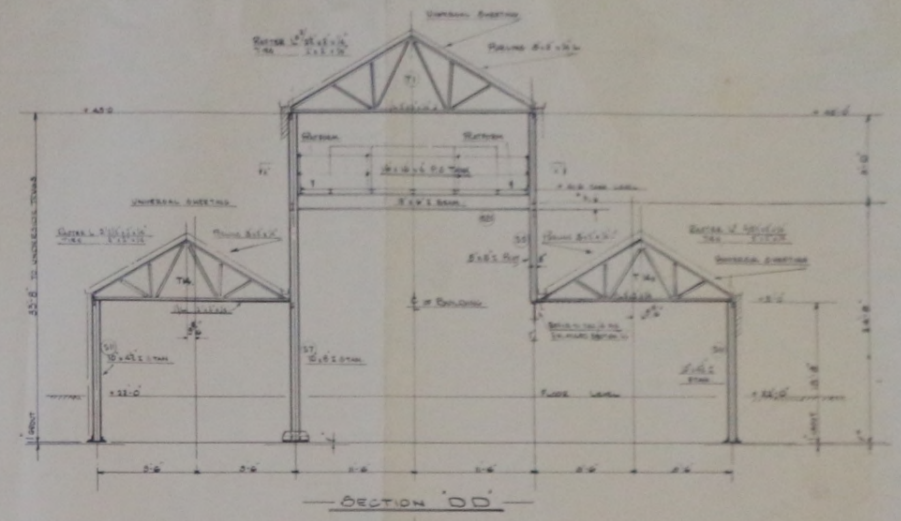
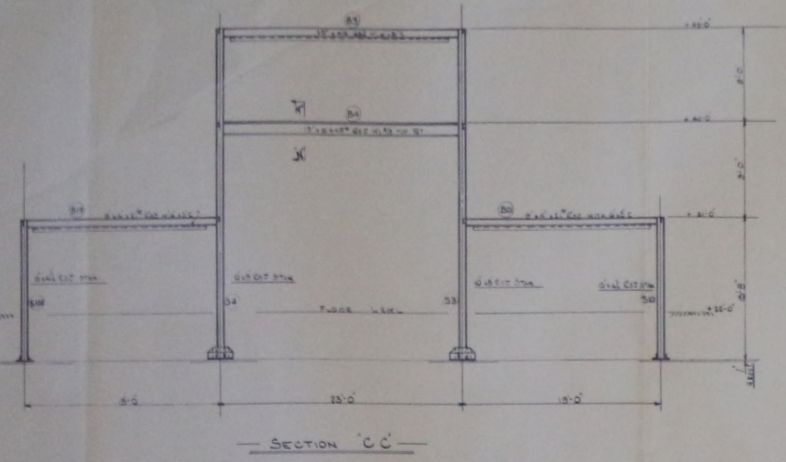
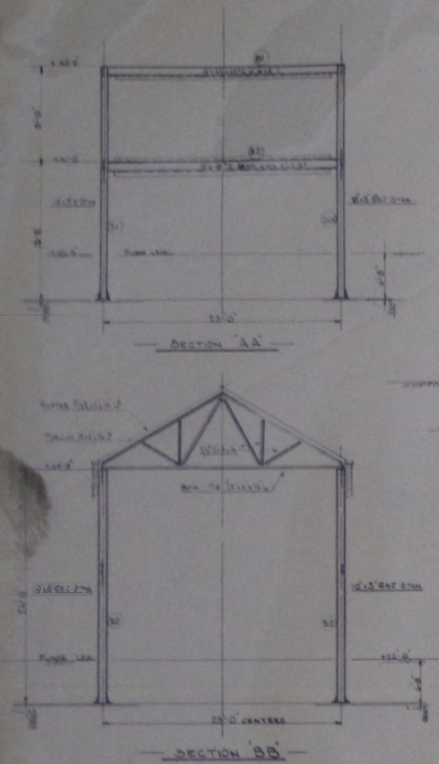


SIDE ELEVATION B

NOTE:  
 THE DETAILS OF ALL  
 WINDOWS, DOORS, ETC.,  
 ARE SHOWN FROM THE  
 INTERIOR.

BRODERICK & PARTNERS	
CIVIL ENGINEERS	
40 VICTORIA STREET, HULL	
FALKLAND ISLANDS WATERWORKS	
GENERAL ARRANGEMENT	
ELEVATIONS	
SCALE OF	1/4" = 1'-0" ORG. NO. 1723





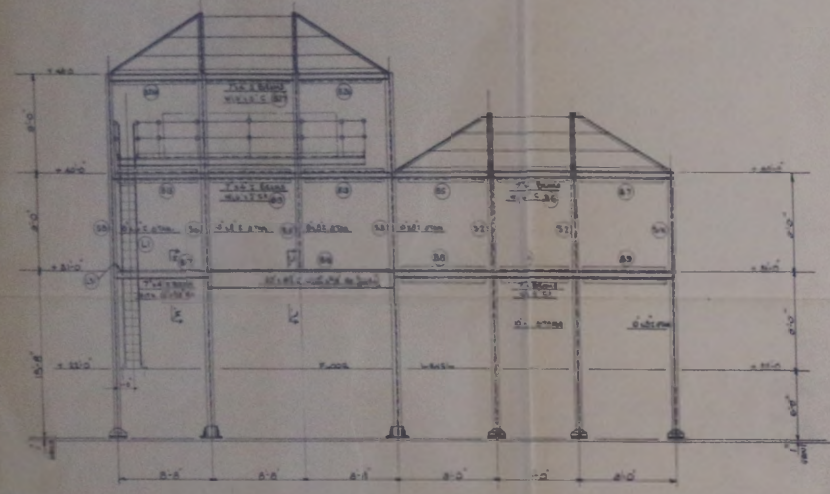
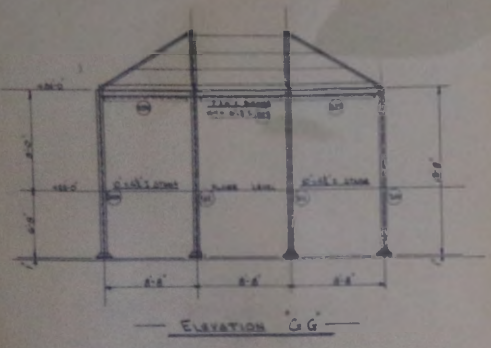
FOR SECTIONS G, H, J, K  
REFER TO DRAWING 534-55-4

SCHEDULE OF FABRICATION QEGG

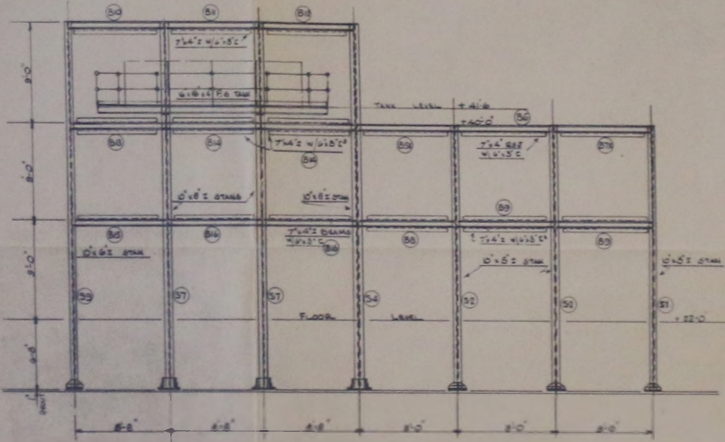
534-55-2	SETTING OUT PLAN OF BUILDING
534-55-4	SECTIONS THROUGH BUILDING
534-55-5	ROOF TRUSSES
534-55-6	ROOF TRUSSES
534-55-7	ROOF TRUSSES
534-55-8	STRUTS
534-55-9	BEAMS B1-B2
534-55-10	R3-DEE
534-55-11	R3-DEE
534-55-12	WALLING
534-55-13	WALL DETAILS AT 1/2 TANK

MOORELEY BROS AND THOMAS PROBY LTD  
DRAWING 534-55-5A  
DATE 5.12.55  
CHECKED BY  
MATERIAL LIST

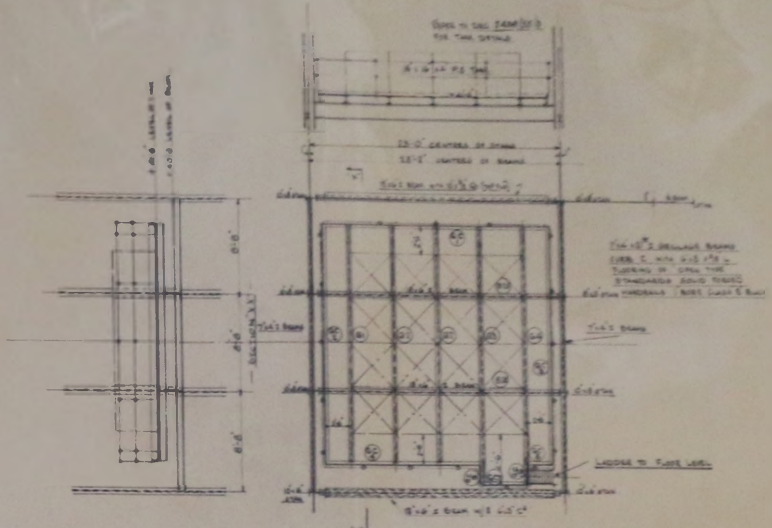




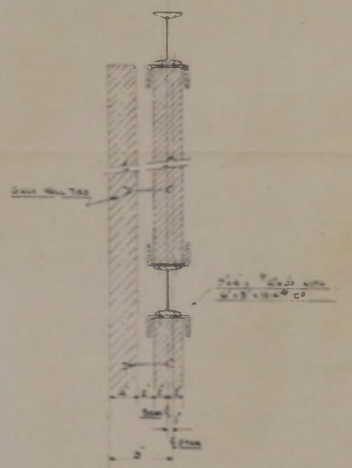
SECTION HH



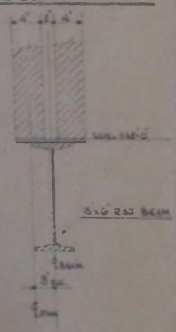
SECTION JJ



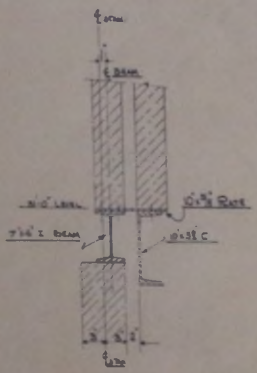
SECTION KK  
WORKING DETAIL AT TANK LEVEL



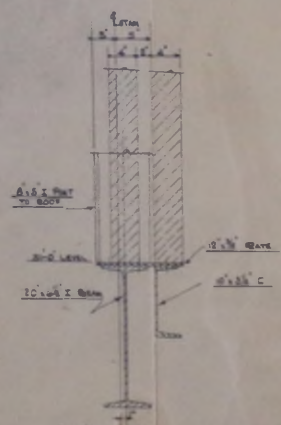
SECTION THRO WALL BLOCKS  
ADJACENT TO BEAMS



ENLARGED SECTION NN



ENLARGED SECTION MM

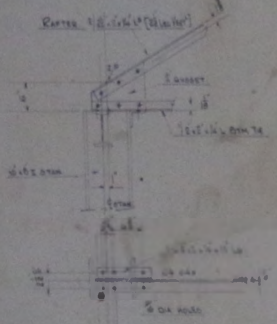


ENLARGED SECTION LL

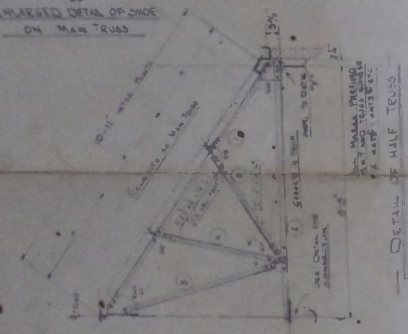
HORSLEY BRIDGE AND  
TYPHAS PRODUKT LIMITED  
DRAWING 534/55/A<sup>1</sup>  
DRAWN BY  
CHECKED BY  
DATE 6-12-55



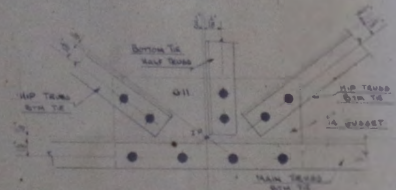
NOTE  
THE ENLARGED DETAIL  
OF JOINT BETWEEN  
TRUSS AND GIRDER  
IS SHOWN ON  
DRAWING 534-55-5



ENLARGED DETAIL OF JOINT  
ON MAIN TRUSS

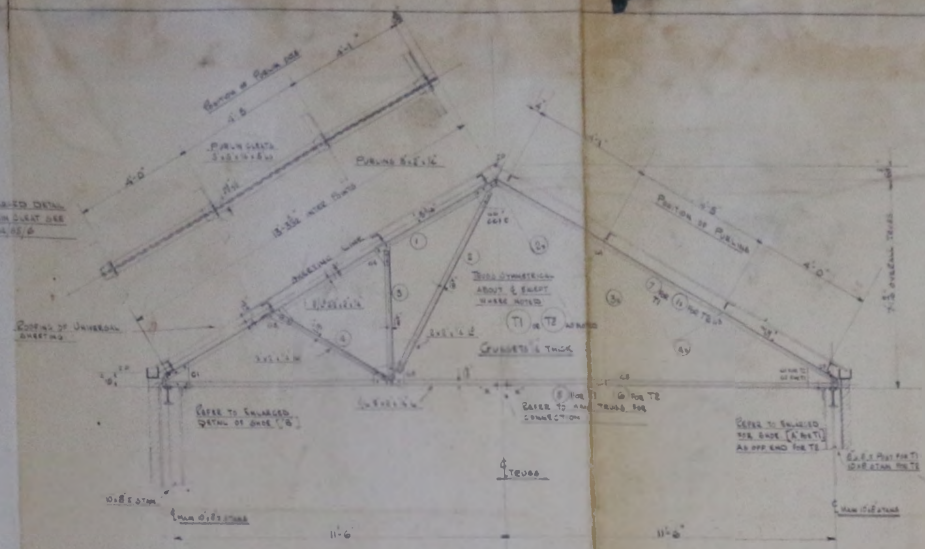


DETAIL OF HALF TRUSS

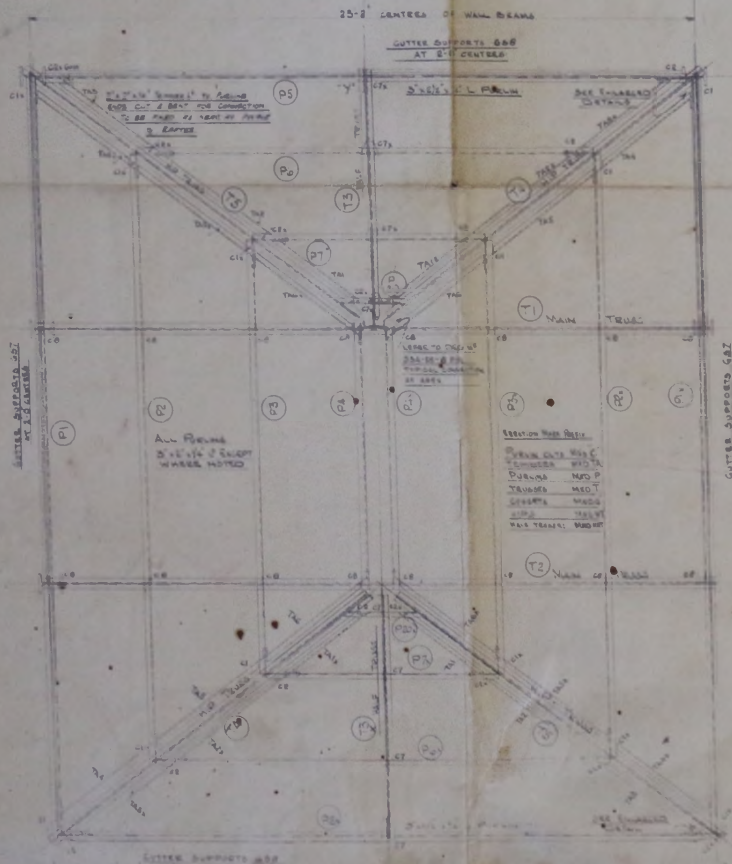


DETAIL AT XX

ENLARGED DETAIL AT Y  
(HALF TRUSS - GIRDER)



DETAIL OF MAIN TRUSS



25'-0" CENTERS OF WALL BEAMS

CUTTER SUPPORTS 8x8  
AT 2'-0" CENTERS

CUTTER SUPPORTS 8x8  
AT 2'-0" CENTERS

CUTTER SUPPORTS 8x8  
AT 2'-0" CENTERS

25'-0" CENTERS OF INTERIOR STANG



ENLARGED DETAIL OF JOINT  
AT CORNER



ENLARGED DETAIL OF JOINT  
CONNECTION AT CORNER STANG

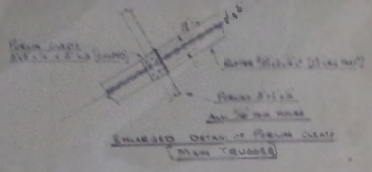
GENERAL NOTES  
ALL HOLES 3/4" DIA UNLESS OTHERWISE NOTED  
ALL STEEL BOLTS 3/4" DIA  
DETAILS OF JOINT SHALL BE SHOWN FOR THE WORKMAN  
TO BE THE JOB OF PROTECTIVE SOLUTION  
BEFORE DISMANTLING

10F

ROBERTLY BISHOP AND  
THOMAS DODD LINTNER  
DRAWING 534-55-5  
SCALE 1/8" = 1'-0"  
DATE 12-12-55  
THE PATERSON ENGINEERING CO.

141 S. BOSTON WHEEL WHEEL CO.  
C/O A. GEORGE W. ADAMS

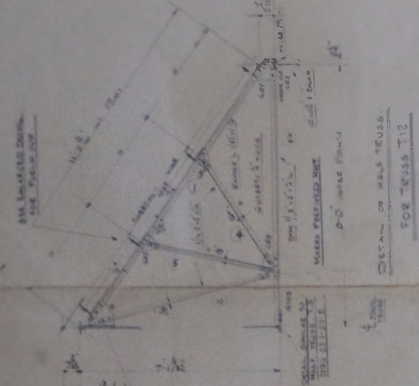




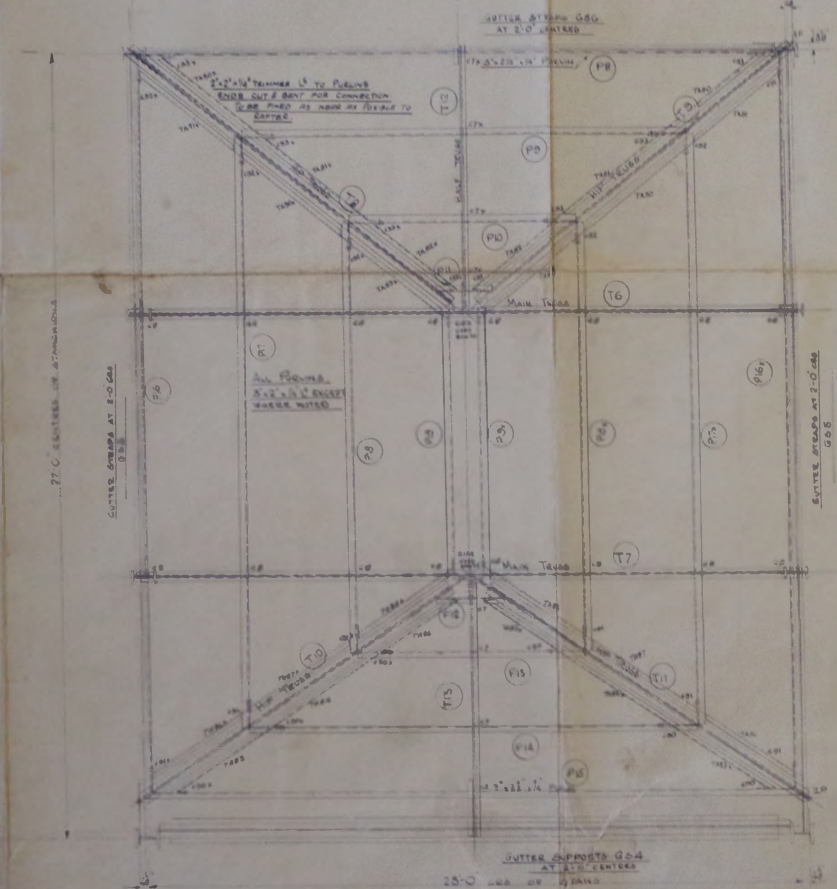
ENLARGED DETAIL OF MAIN TRUSSES



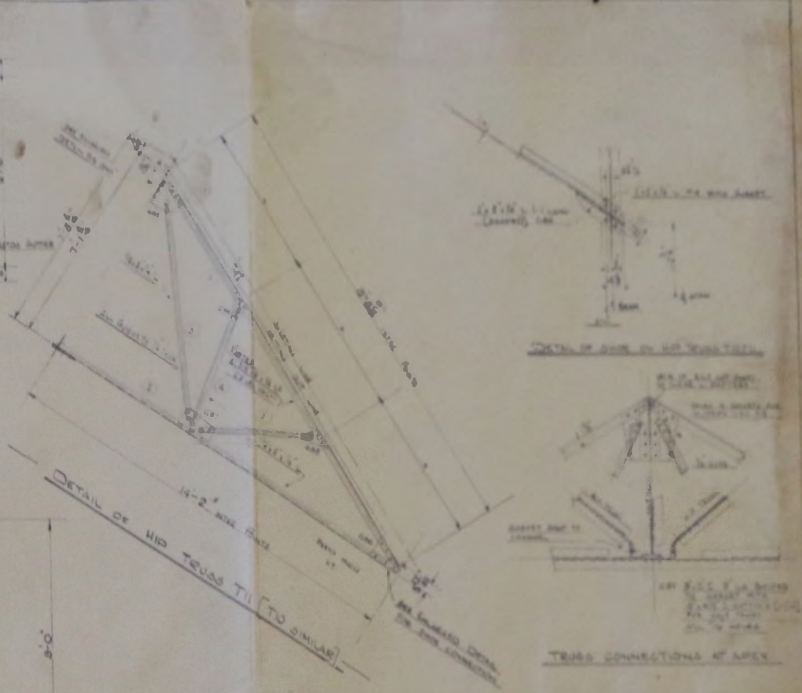
ENLARGED DETAIL OF HALF TRUSSES



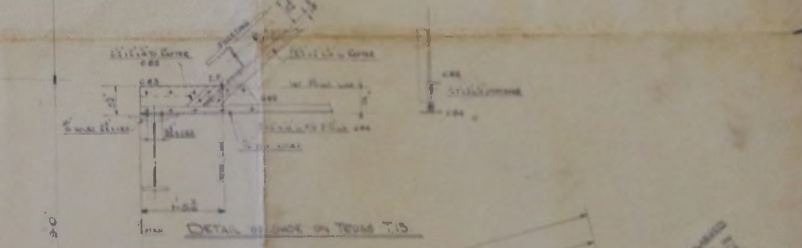
DETAIL OF MAIN TRUSSES



DETAIL OF MAIN TRUSSES



DETAIL OF HALF TRUSSES T1 (TO SIMILAR)



DETAIL OF HALF TRUSSES T10



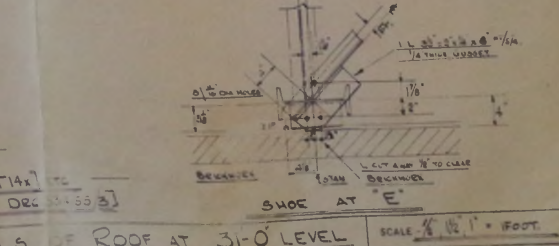
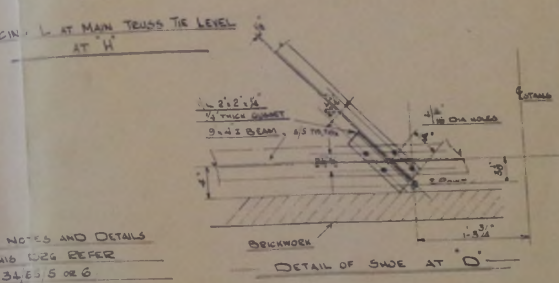
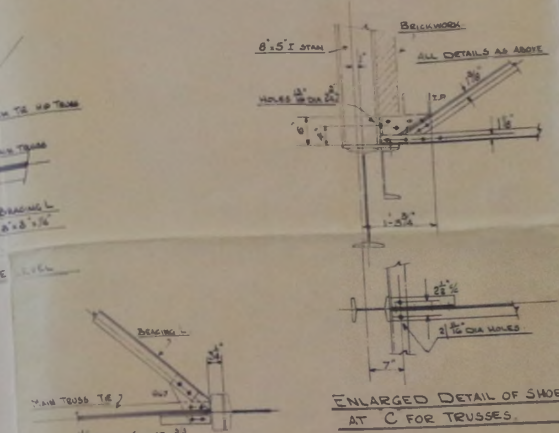
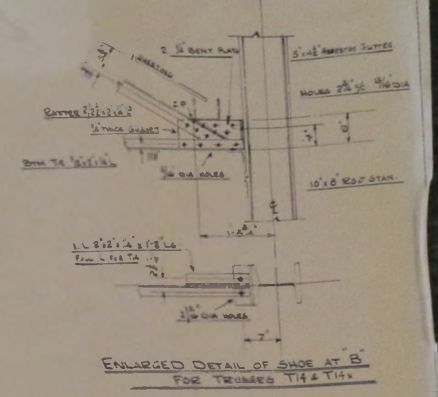
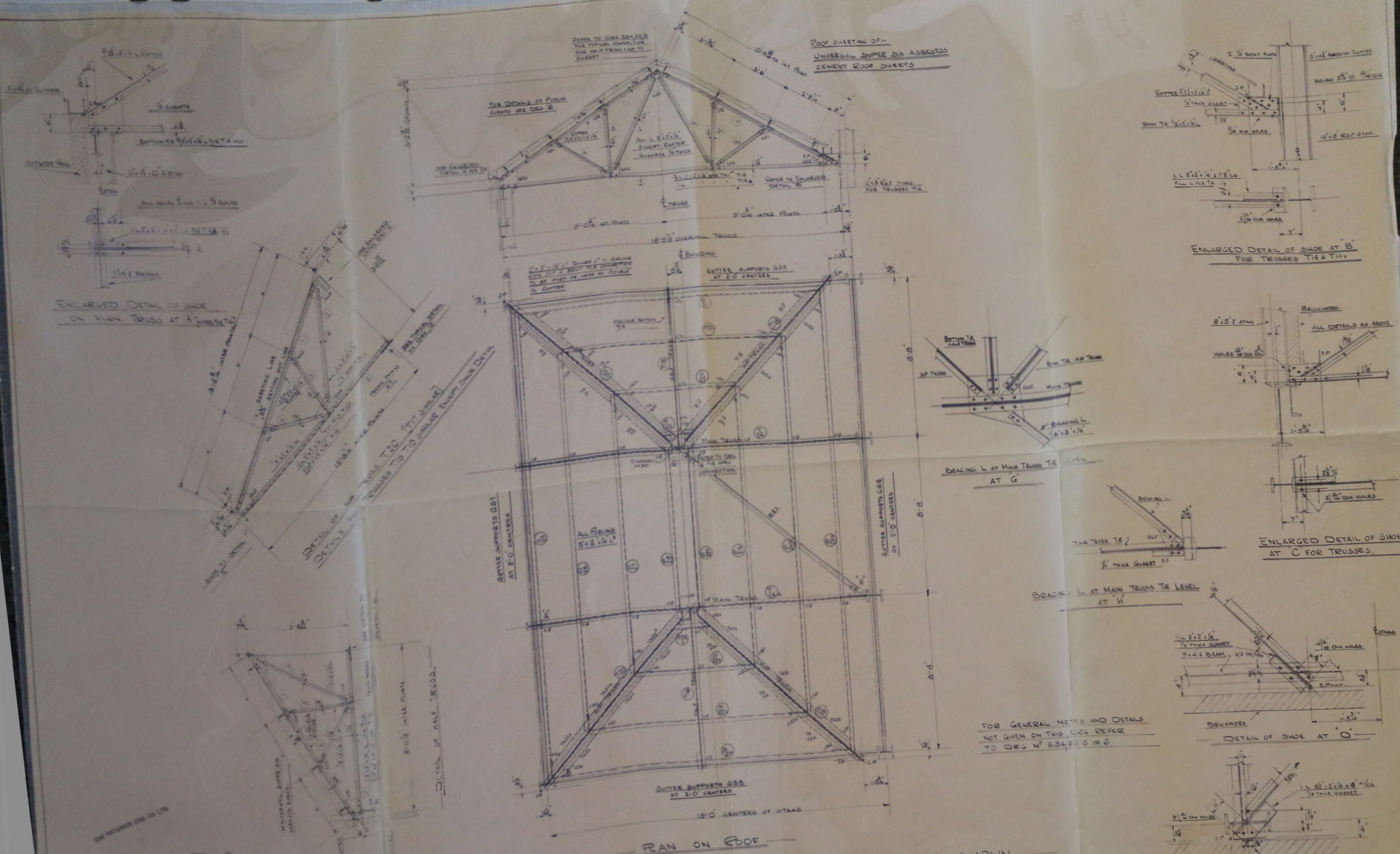
DETAIL OF HALF TRUSSES T5 (TO SIMILAR)

THE PATONER ENG. CO. LTD.  
BRISBANE BRIDGE AND  
INDUSTRIAL LIMITED  
BRISBANE 2-4-55-6000  
15-11-55

11F  
T.C. DUNN



WATER-BUILDING FOR WATER PURIFICATION PLANT - DETAILS OF ROOF AT 31' LEVEL - 12F - 18 JAN 1956



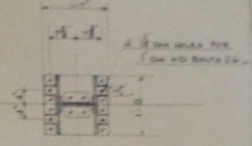
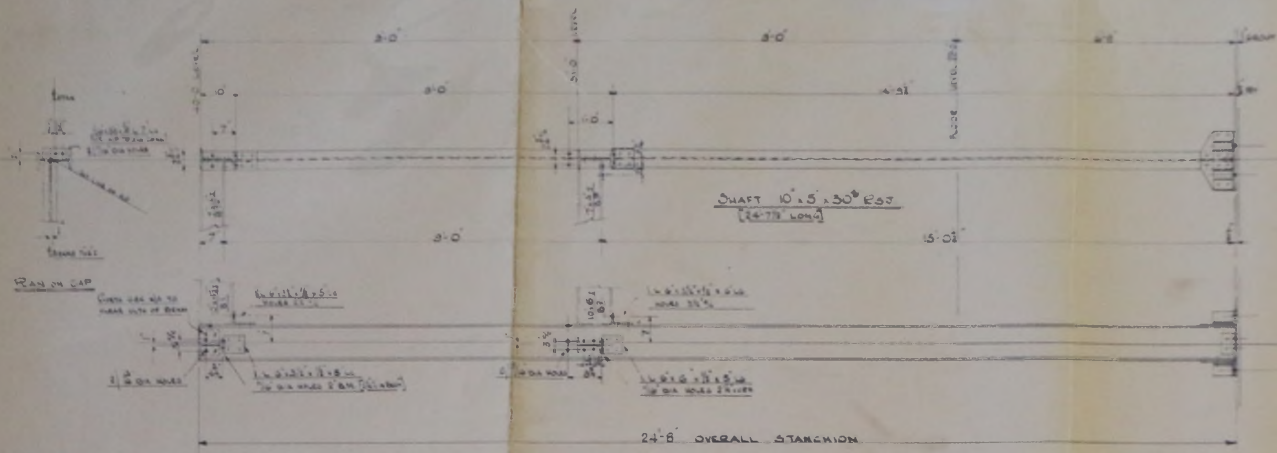
FOR GENERAL NOTES AND DETAILS NOT GIVEN ON THIS DRAWING REFER TO DRAWING NO. 531, 505 OR 6

ONE SET REQUIRED AS DRAWN MARKED AS SHOWN.  
 ONE DITTO BUT WITH X (ie T14 & T15)  
 DITTO [REFER TO MARKING RAN DEC 1-55]

WATER PURIFICATION PLANT - BUILDING FOR WATER PURIFICATION PLANT - [FALKLAND ISLANDS] - DETAILS OF ROOF AT 31'-0" LEVEL SCALE 1/8" = 1' = FOOT

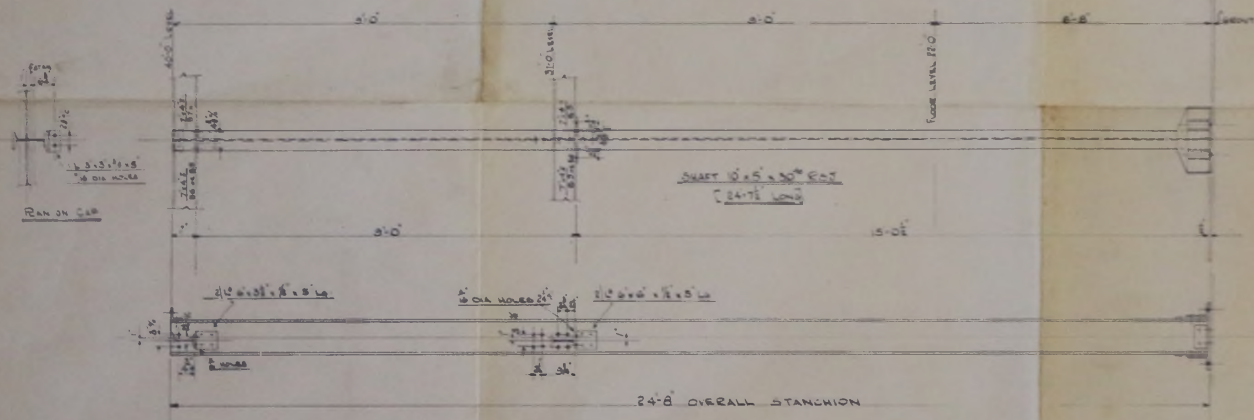
HOBBSLEY BRIDGE AND THORNTON PROJECT LIMITED  
 DRAWING 534 48 740  
 DESIGNED BY RR  
 CHECKED BY  
 MATERIAL LIST SEE P. 20 FILE NO. 126





— BASE MATERIAL —  
 1. 2\"/>

ONE STANCHION REQUIRED AS DRAWN MARK S1  
 ONE DITTO OPP HAND MARK SIX



BASE DETAILS AS DETAILED FOR S1

4 STANCHIONS REQUIRED AS DRAWN MARK S2

THE PATERNON GROUP LTD

RODLEY BRIDGE AND THOMAS FISGOTT LIMITED  
 DRAWING 554 55/8  
 DESIGNED BY: K.E. 23-12-55  
 CHECKED BY:  
 MATERIAL LIST NO. 76

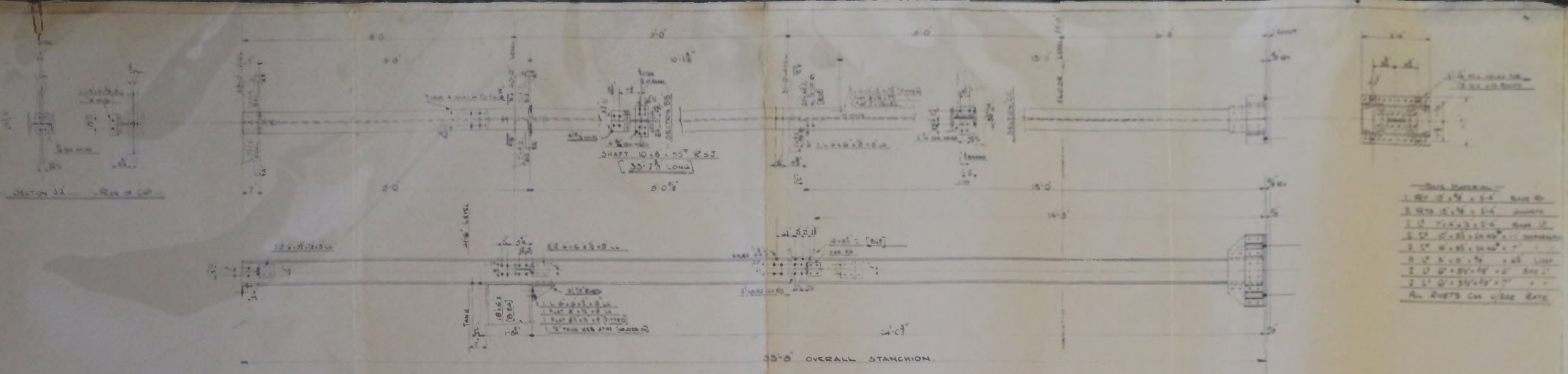
F13

THE PATERNON EN

— GENERAL NOTES —  
 ALL HOLES 3/8\"/>

OF STANCHIONS S1, S1, S1



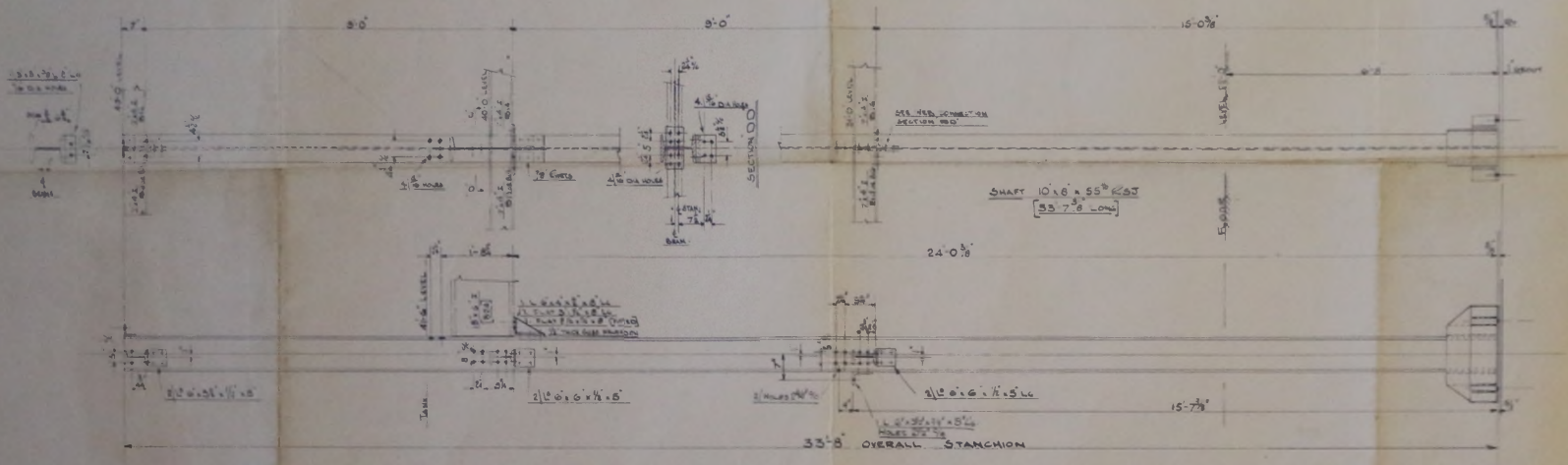


BASE DETAILS AS DRAWN FOR 56

1. 24" x 24" x 1/2"	Base Pl.
2. 24" x 24" x 1/2"	Support
3. 24" x 24" x 1/2"	Base Pl.
4. 24" x 24" x 1/2"	Support
5. 24" x 24" x 1/2"	Base Pl.
6. 24" x 24" x 1/2"	Support
7. 24" x 24" x 1/2"	Base Pl.
8. 24" x 24" x 1/2"	Support

ALL DIMS IN INCHES UNLESS STATED OTHERWISE

ONE STANCHION REQUIRED AS DRAWN MARK 56



BASE DETAILS AS DRAWN FOR 56

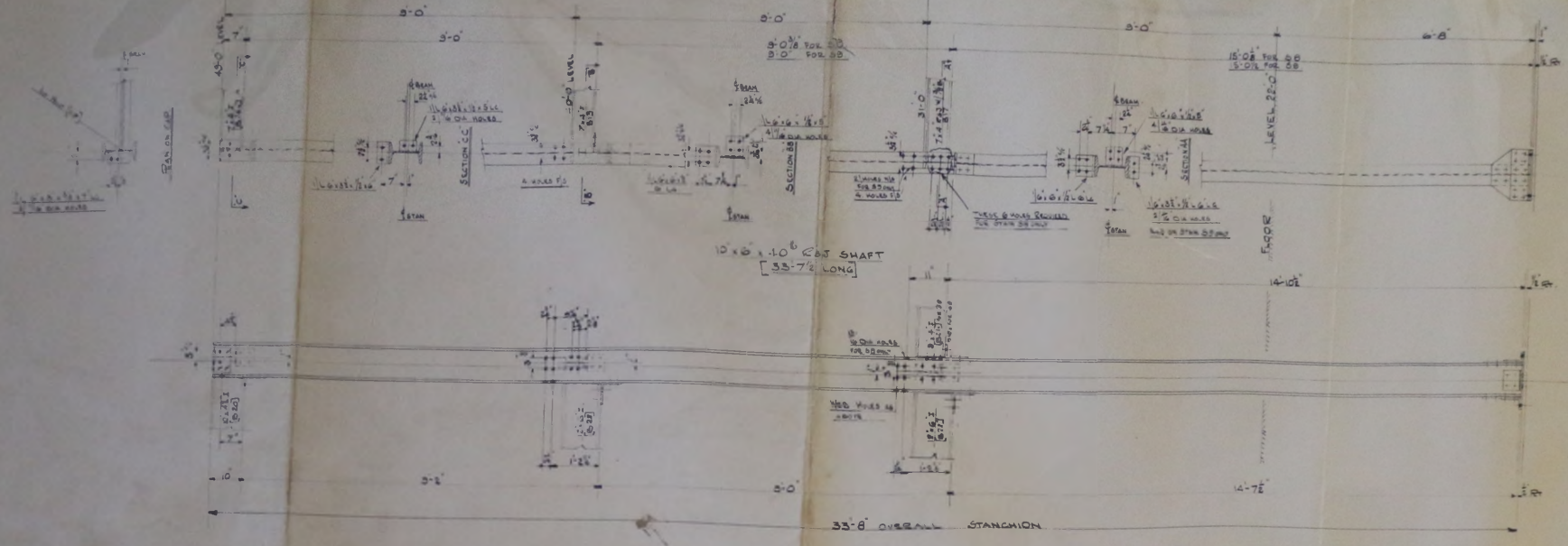
TWO STANCHIONS REQUIRED AS DRAWN MARK 57

REFER TO DRAWINGS 534-55-3 & 4 FOR GENERAL ARRANGEMENTS  
REFER TO DRAWING 534-55-2 FOR GENERAL NOTES

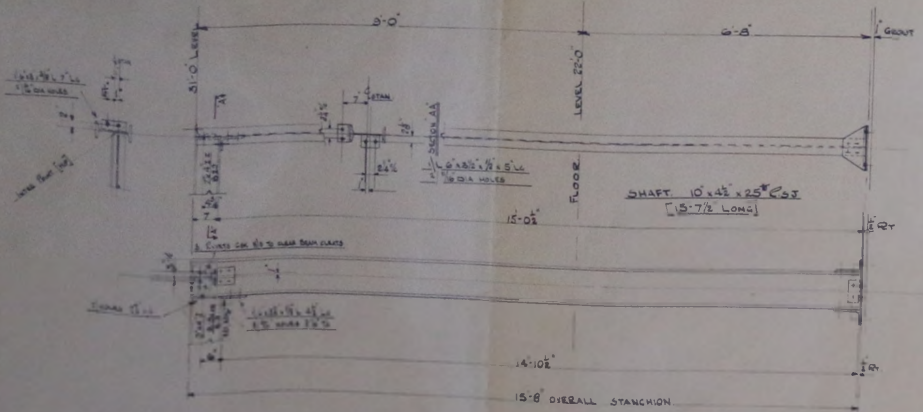
HORBELEY BRIDGE AND THOMAS PIGGOTT LIMITED  
DRAWING 534-55-9A  
DATE 30.12.55  
DRAWN BY  
CHECKED BY  
APPROVED BY

F14

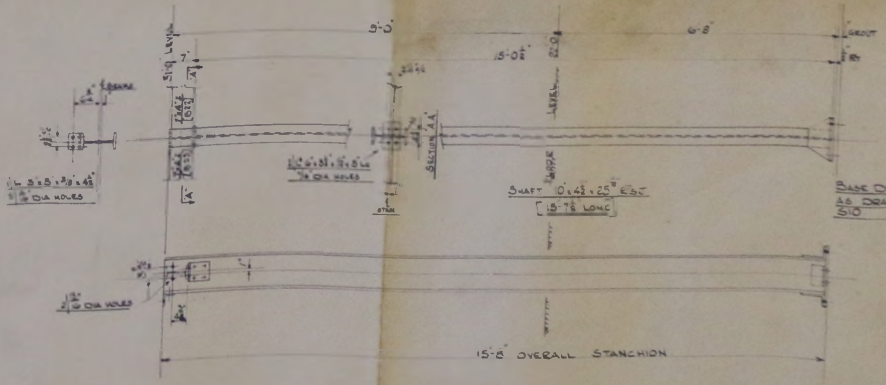
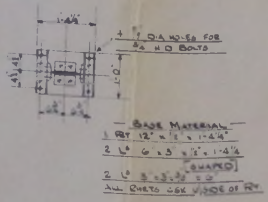




— ONE STANCHION REQUIRED AS DRAWN AND NOTED MARK 58 —  
 — ONE DITTO OPP. HAND AND NOTED MARK 59 —



— TWO STANCHIONS REQUIRED AS DRAWN MARK 510 —  
 — TWO DITTO OPP. HAND MARK 510x —



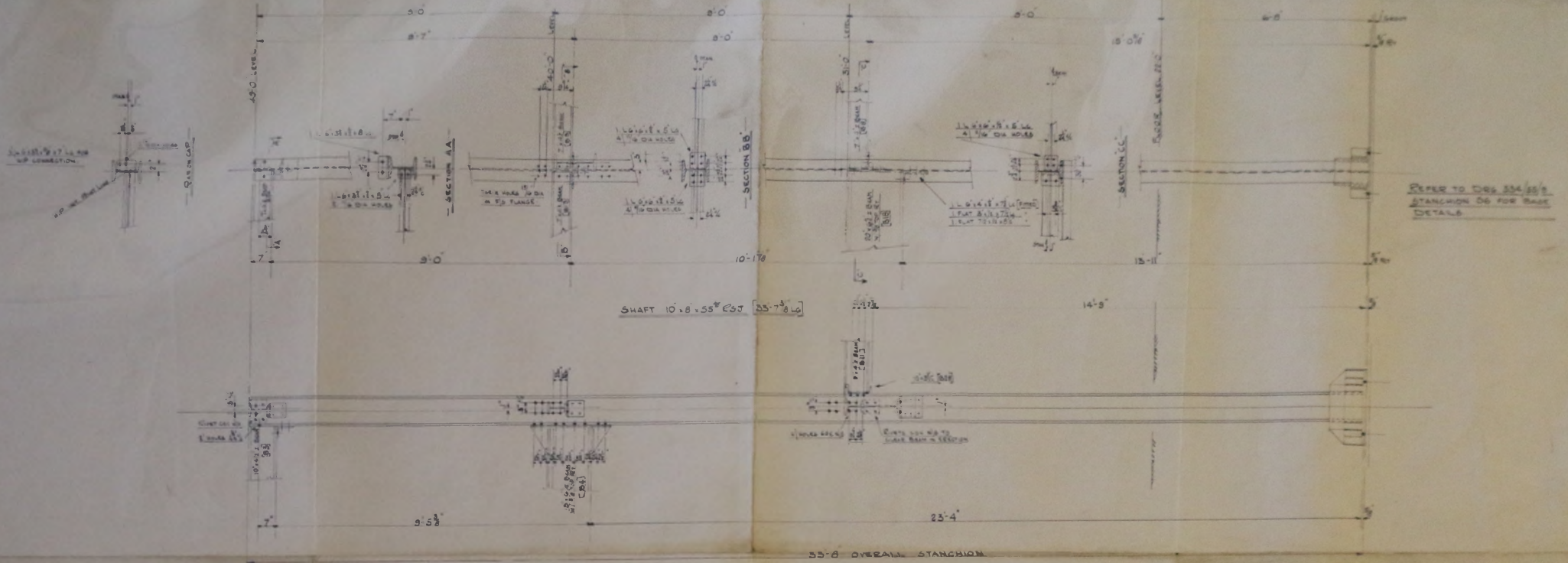
— 4 STANCHIONS REQUIRED AS DRAWN MARK 511 —

REFER TO DRAWINGS 534/55 5&4 FOR ARRANGEMENT OF STANS  
 REFER 8 FOR GENERAL NOTES

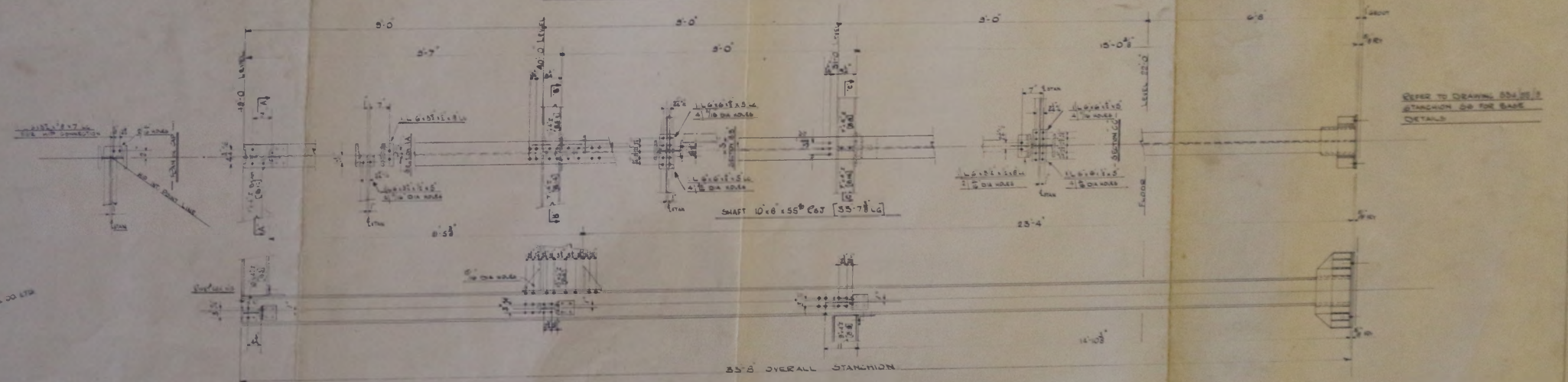
THE PATERSON ENGINEERING CO LTD  
 HORSELEY BRIDGE AND THOMAS FISCHETT LIMITED  
 DRAWING 534/55 10  
 DRAWN BY R2  
 CHECKED BY  
 APPROVED

F15





ONE STANCHION REQUIRED AS DRAWN MARK 53



ONE STANCHION REQUIRED AS DRAWN MARK 54

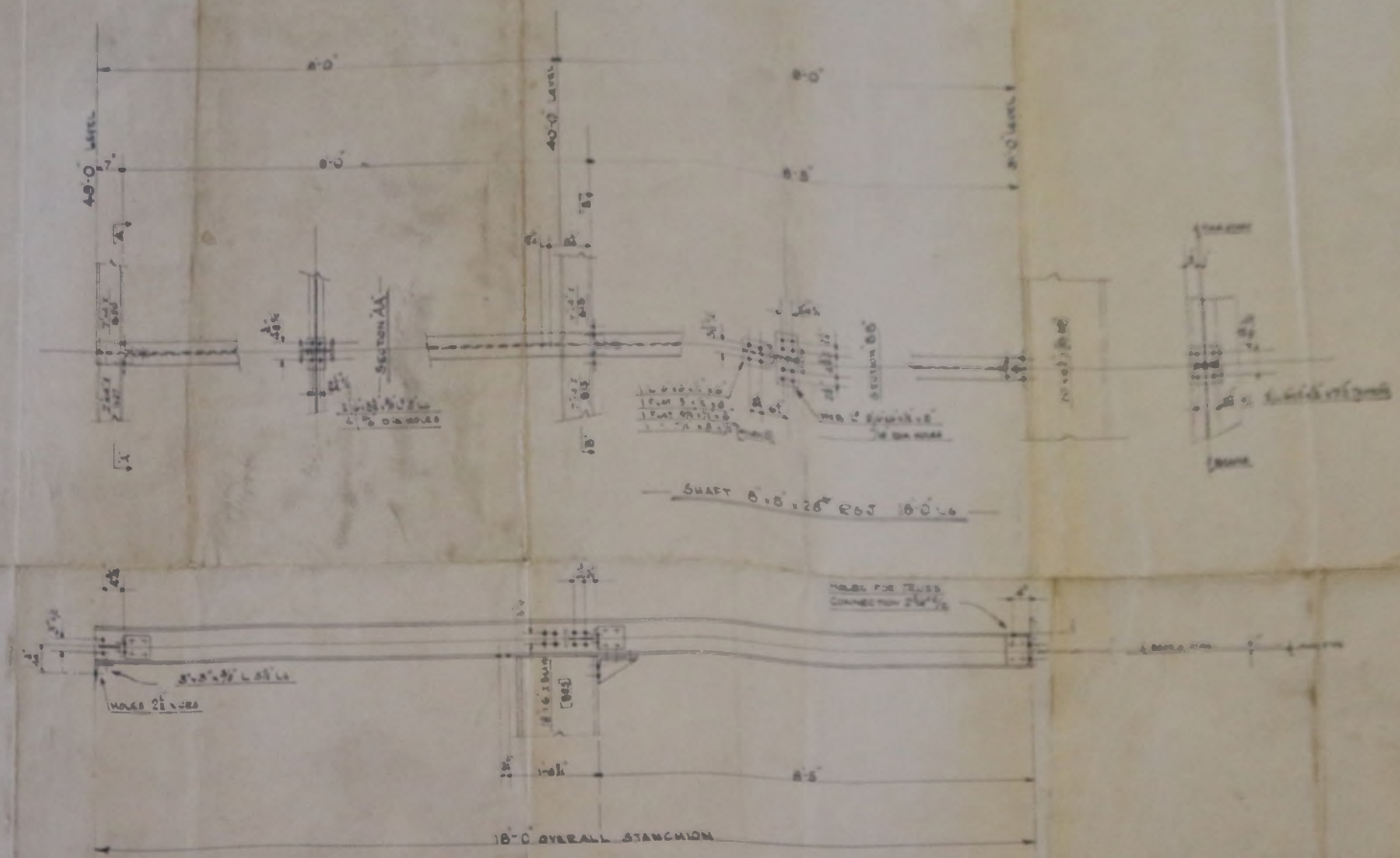
HORSELEY BRIDGE AND THOMAS PIGGOTT LIMITED	
DRAWING 53+55/11	
DESIGNED BY	22 3-11-56
TRACED BY	
CHECKED BY	

FIG 16

REFER TO DRAWING 53-55 FOR GENERAL NOTES

SCALE 3/4" = 1'-0"





THE PATERSON ENG. CO. LTD.

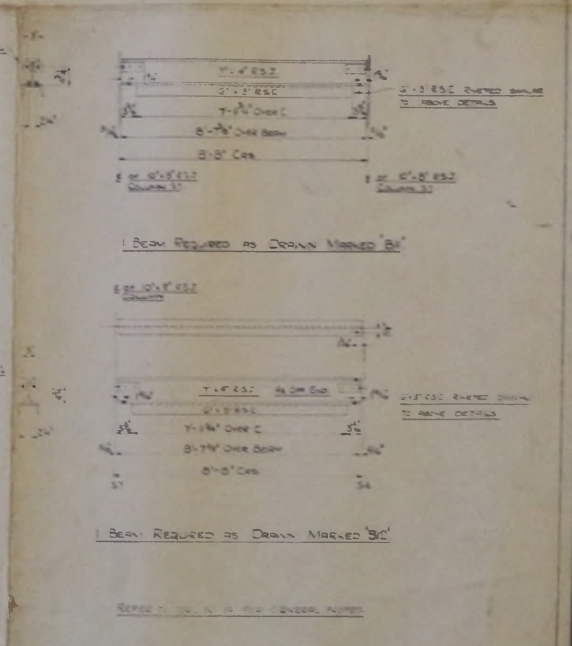
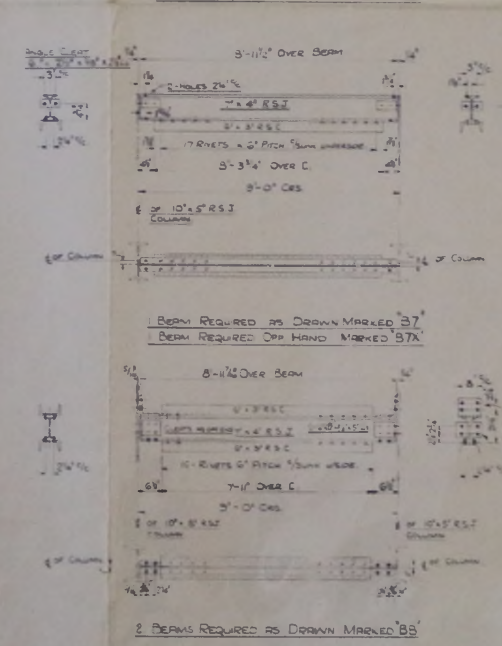
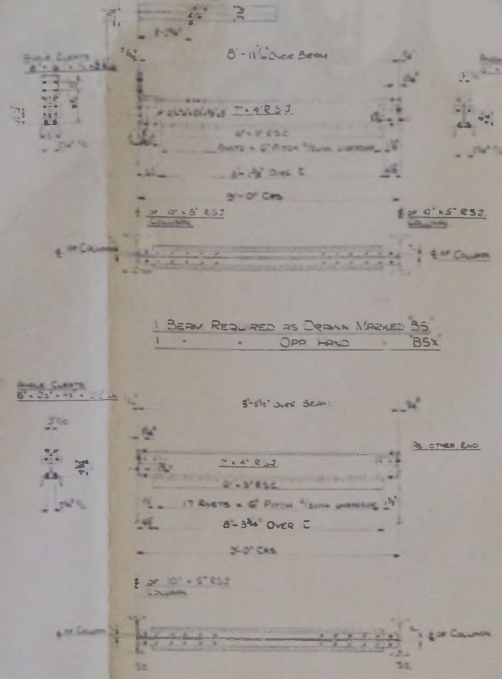
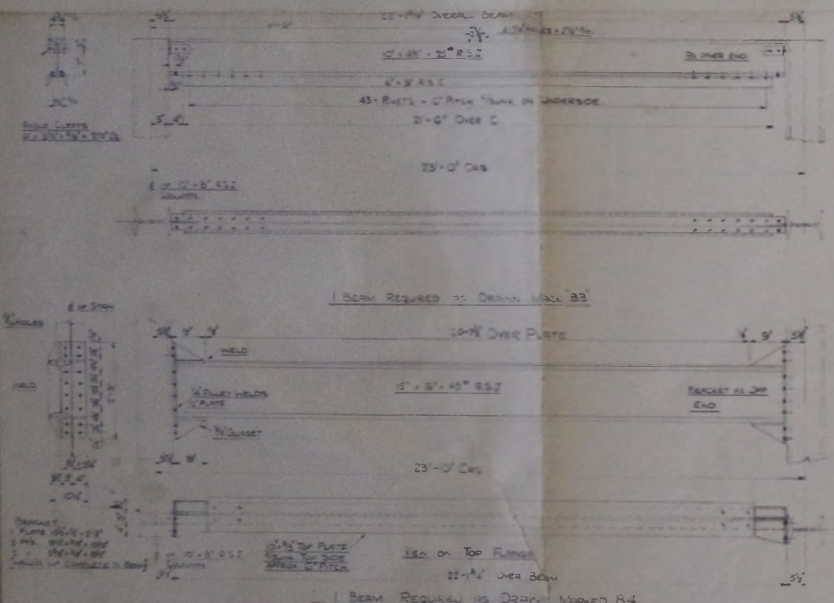
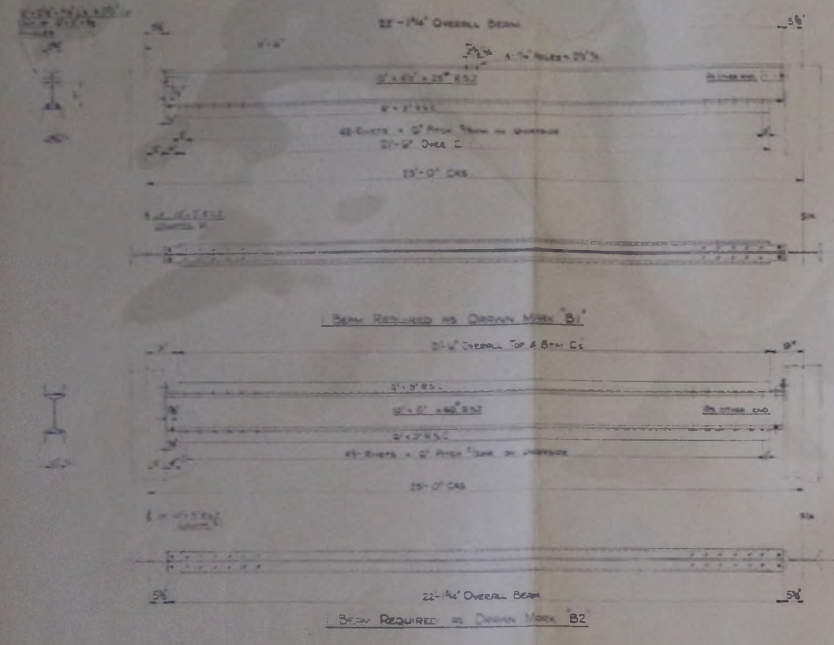
ONE STANCHION REQUIRED AS DRAWN MARK 55

REFER TO DRAWING 554/55/6 FOR GENERAL NOTES

HORSELEY BRIDGE AND THOMAS PIGGOTT LIMITED		
DRAWING 554/55/12A		
DRAWN BY	INITIALS	DATE
TRACED BY	CR	13-1-56
CHECKED BY		
APPROVED		
MATERIAL LIST Nos. FD		

F17



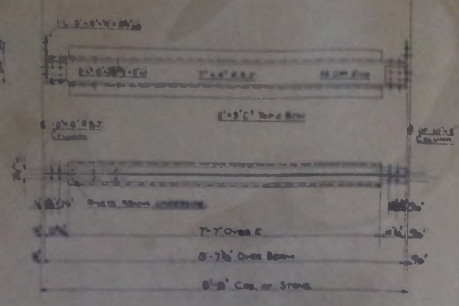


HORSELEY BRIDGE AND THOMAS PIGGOTT LIMITED  
DRAWING 534/55/13  
DRAWN BY T.C. 30.12.55  
CHECKED BY  
MATERIAL LIST NO. 11 & 12

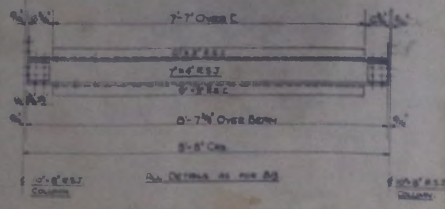
**F18**  
THE PATERSON ENGINEERING CO. LTD.

THE PATERSON ENGINEERING CO. LTD.  
BUILDING 508 WATER PURIFICATION PLANT 18F

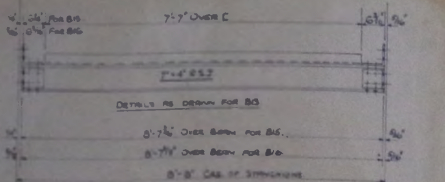




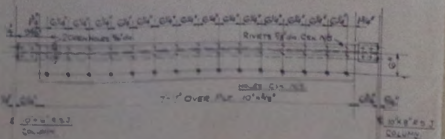
4 BEAMS REQUIRED THIS MARK B13



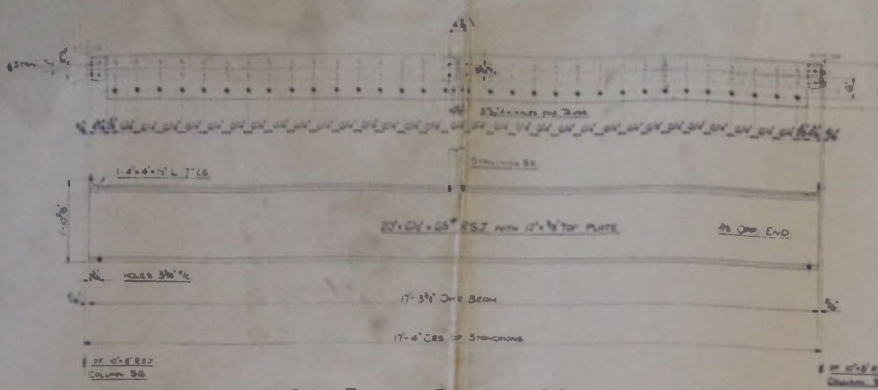
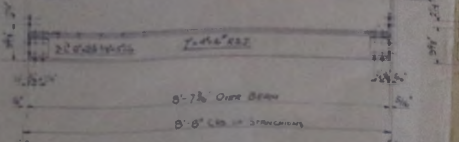
2 BEAMS REQUIRED THIS MARK B14



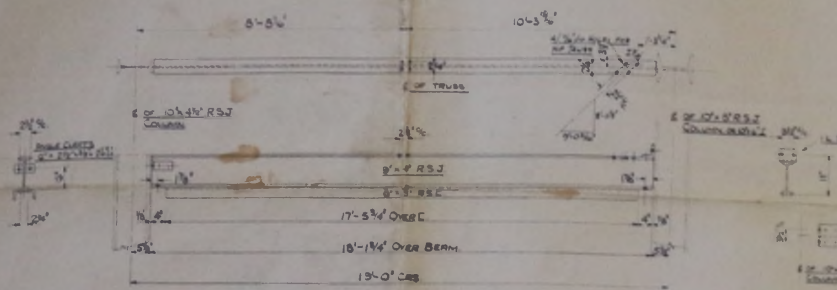
1 BEAM REQUIRED AS DRAWN MARK B15  
2 " " " " " " MARK B16



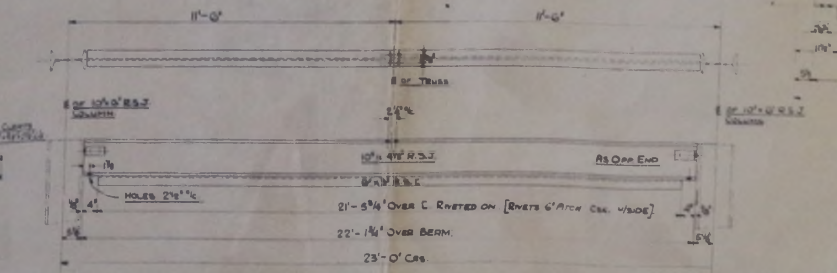
1 BEAM REQUIRED THIS MARK B17



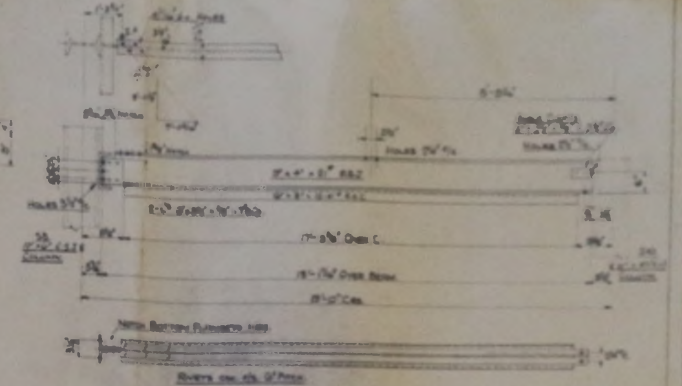
1 BEAM REQUIRED THIS MARK B18



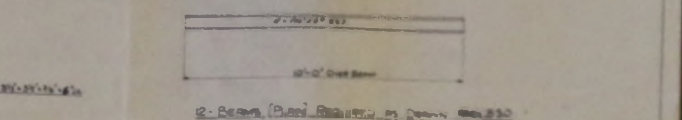
1 BEAM REQUIRED AS DRAWN MARK B19  
1 " " " " " " " " MARK B19X



1 BEAM REQUIRED AS DRAWN MARK B20



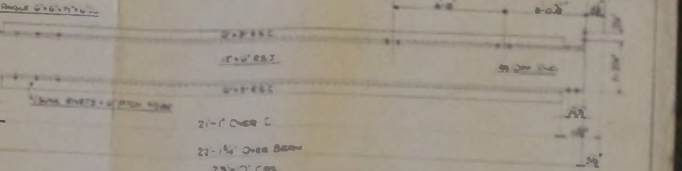
1 BEAM REQUIRED AS DRAWN MARK B21  
1 " " " " " " " " MARK B21X



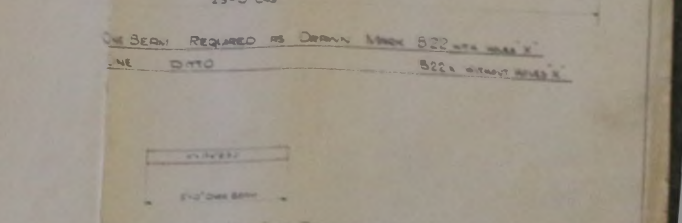
2 BEAMS (BEAM RIVETED AS DRAWN MARK B22)



ONE BEAM REQUIRED AS DRAWN MARK B22 WITH 1/2\"/>



BEAM REQUIRED (AS DRAWN MARK B23)



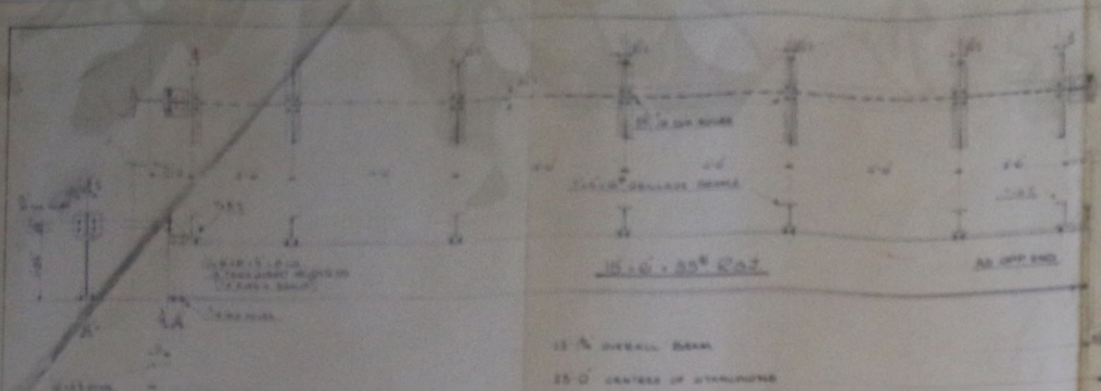
NOTE:  
 ALL DIMENSIONS UNLESS STATED OTHERWISE  
 TO BE GIVEN TO 1/4\"/>

MATERIAL LIST  
 HORSELEY BRIDGE AND THOMAS PROGOTT LIMITED  
 DRAWING NO. 534-55/14  
 CHECKED BY T.C. 21.1.56

FIG 19

J.W. PATERSON AND CO. LTD.

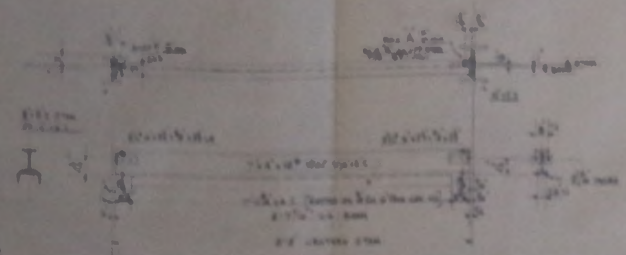




ONE BEAM REQUIRED AS DRAWN MARK B24



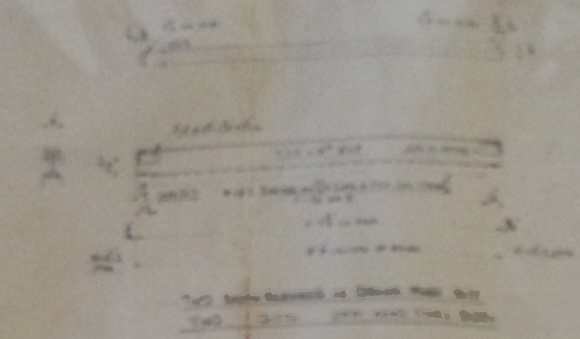
ONE BEAM REQUIRED AS DRAWN MARK B25



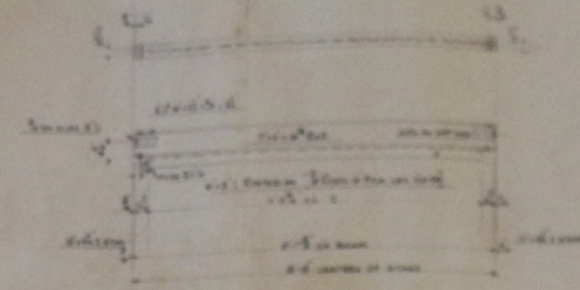
ONE BEAM REQUIRED AS DRAWN MARK B26  
 ONE CUTTED UP BEAM MARK B26a  
 ONE CUTTED AS DRAWN MARK B27

F20

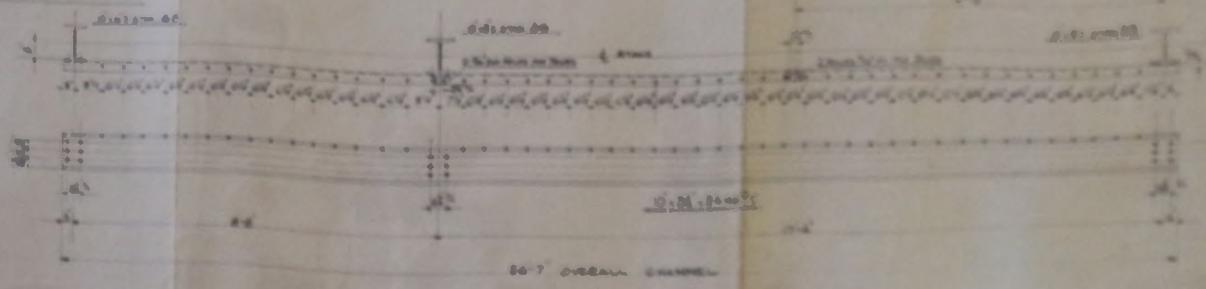
HOBBLEY GRACE AND  
 THOMAS PROPERTY LIMITED  
 DRAWING NO. 23/56  
 DESIGNED BY  
 CHECKED BY  
 MATERIAL LIST NO. 23



TWO BEAM REQUIRED AS DRAWN MARK B28

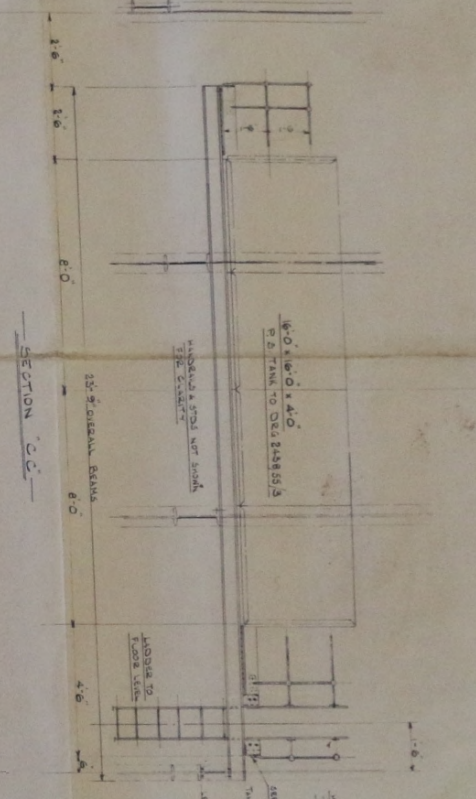
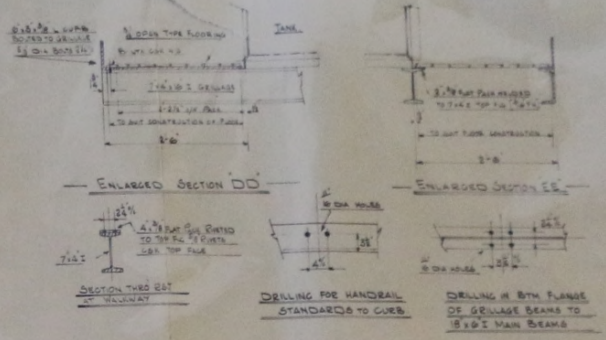
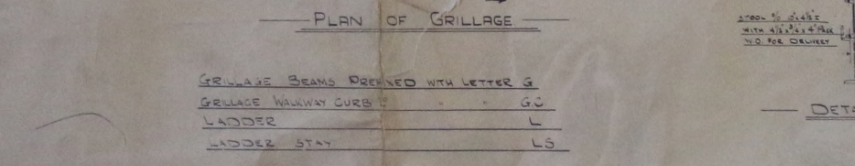
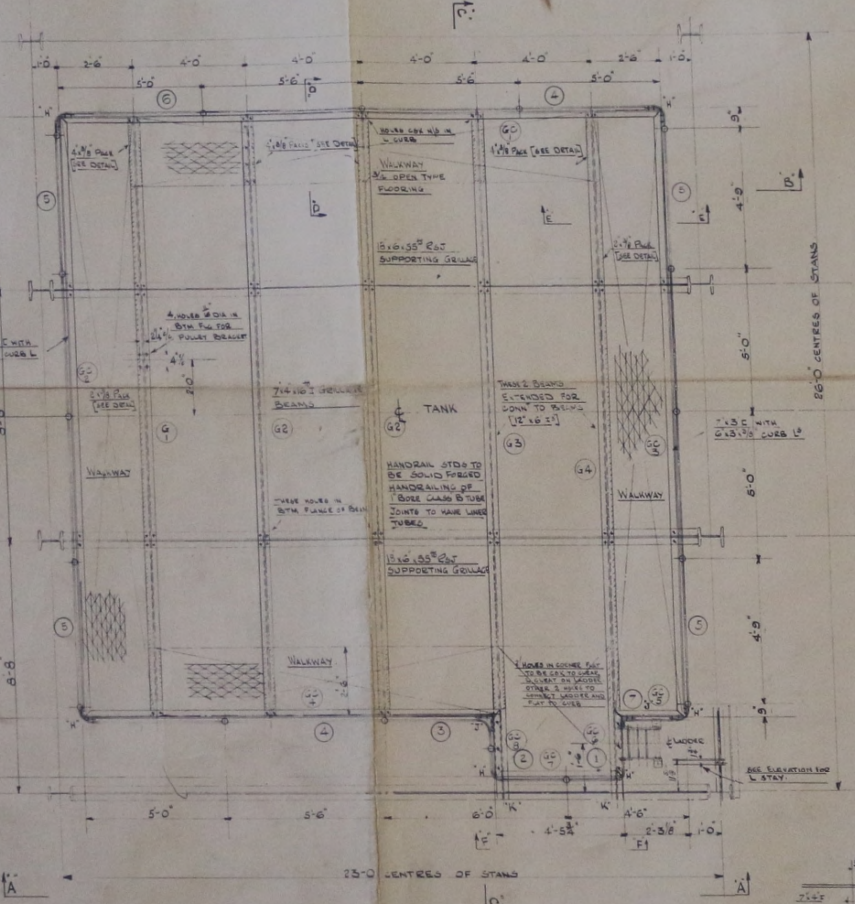
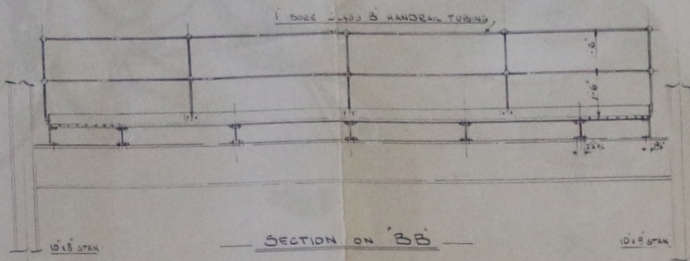
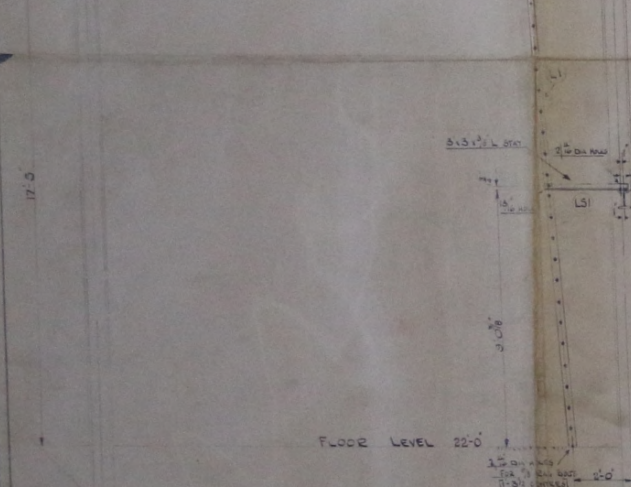
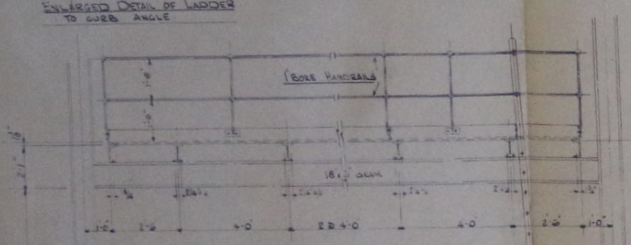
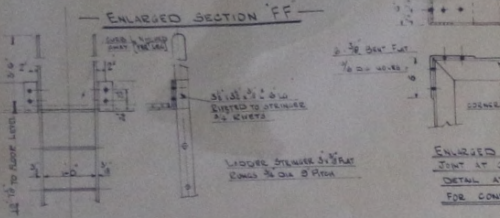
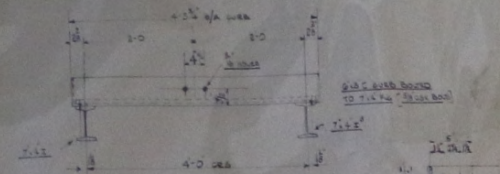


TWO BEAM REQUIRED AS DRAWN MARK B29



ONE CHANNEL BEAM REQUIRED AS DRAWN MARK B30



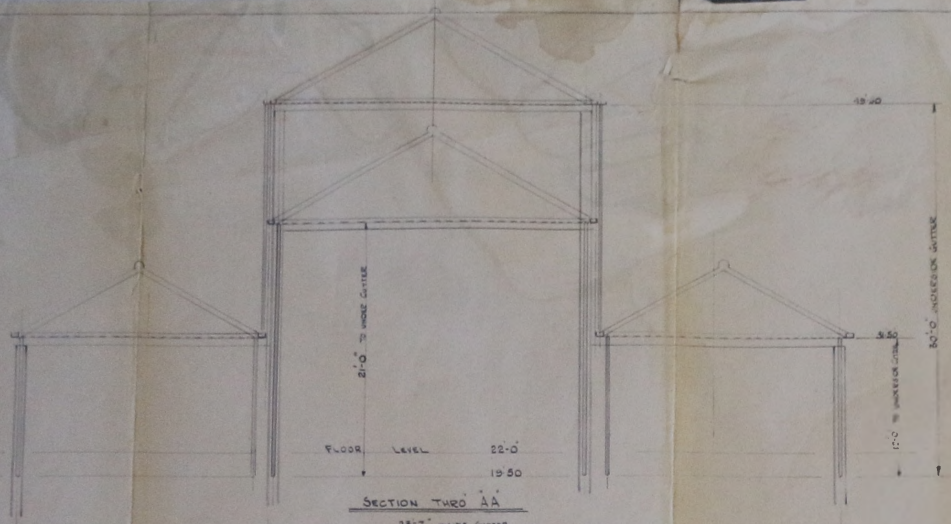


F 21

GRILLAGE BEAMS PREPARED WITH LETTER G	
GRILLAGE WALKWAY CURB	GO
LADDER	L
LADDER STAY	LS

HORSLEY BRIDGE AND THOMAS PIGGOTT LIMITED  
DRAWING 534/55/16"  
DRAWN BY 22  
CHECKED BY



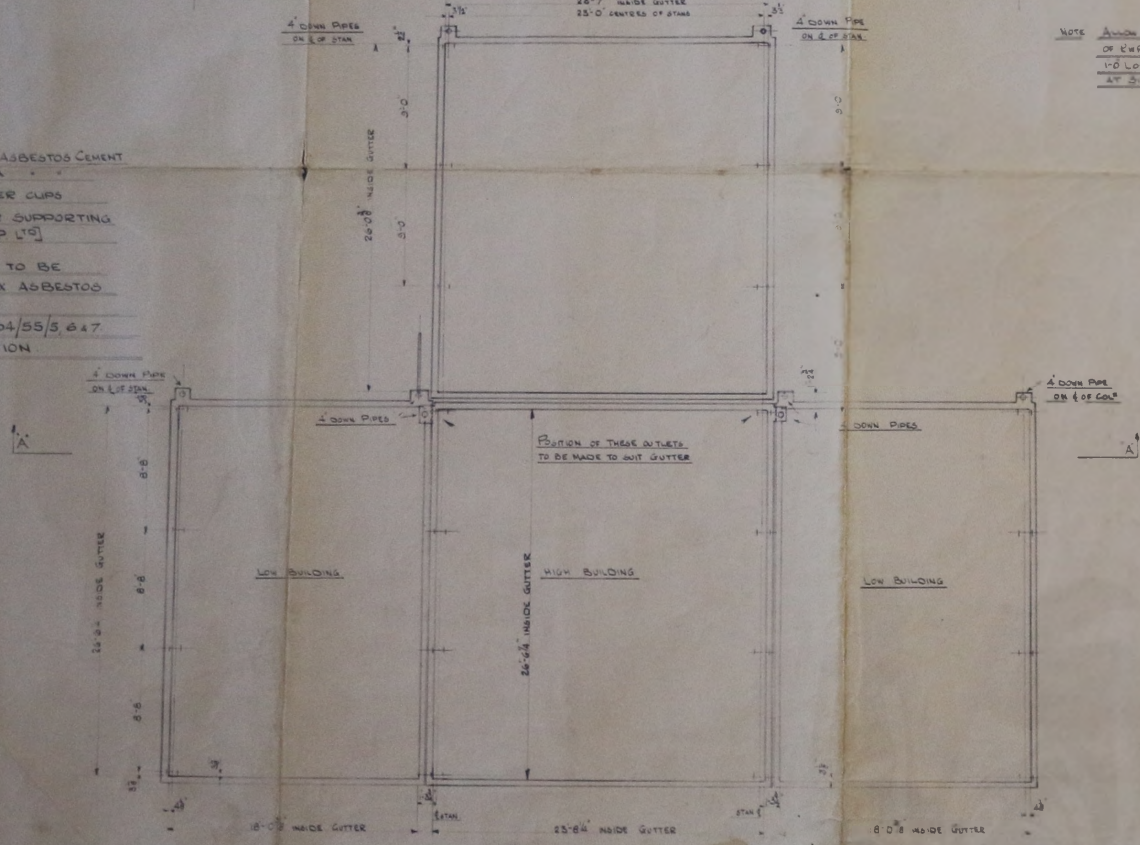


SECTION THRU AA

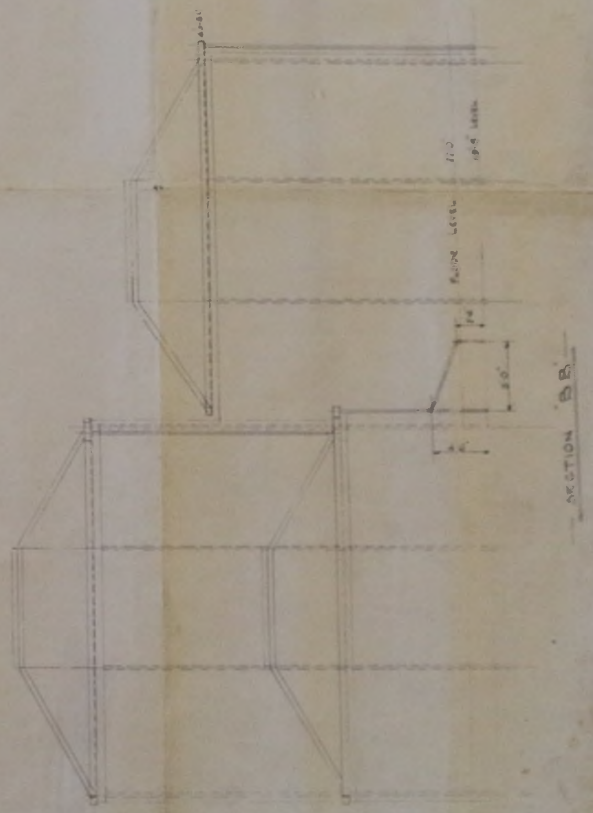
26'-0" INSIDE GUTTER  
25'-0" CENTERS OF STAIRS  
28'-7" INSIDE GUTTER  
25'-0" CENTERS OF STAIRS

NOTE: ADD BOTTOM LEADER OF PIPE TO BE APPROX 1'-0" LONG FOR CUTTING AT SITE

ALL GUTTERS 5'-4 1/2" ASBESTOS CEMENT  
ALL DOWN PIPES 4" DIA.  
ALL NECESSARY GUTTER CUPS TO BE SUPPLIED FOR SUPPORTING GUTTERS [BY H.B.T.P. LTD]  
ALL ROOF SHEETING TO BE UNIVERSAL SUPER SIX ASBESTOS CEMENT SHEETS  
REFER TO DRGS 524/55/3, 647 FOR PURIN POSITION



RAN OF GUTTERS

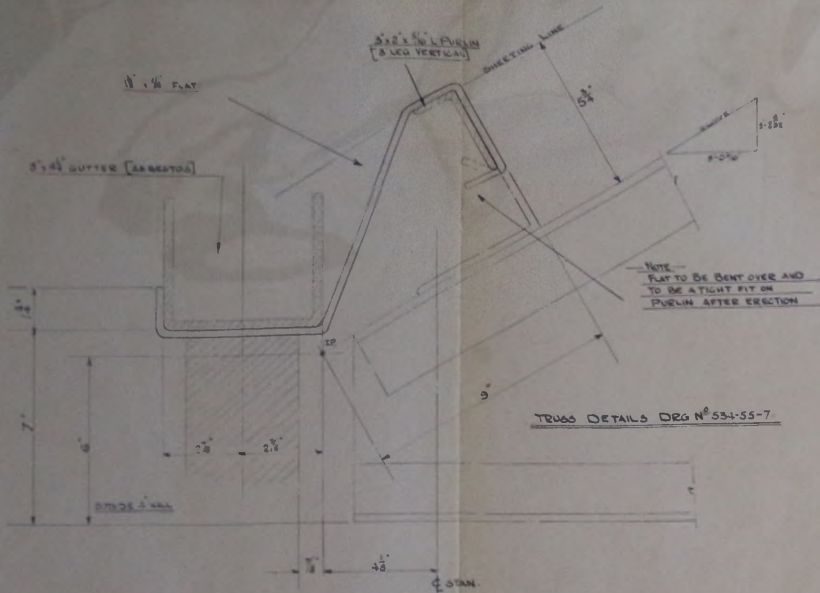


SECTION BB

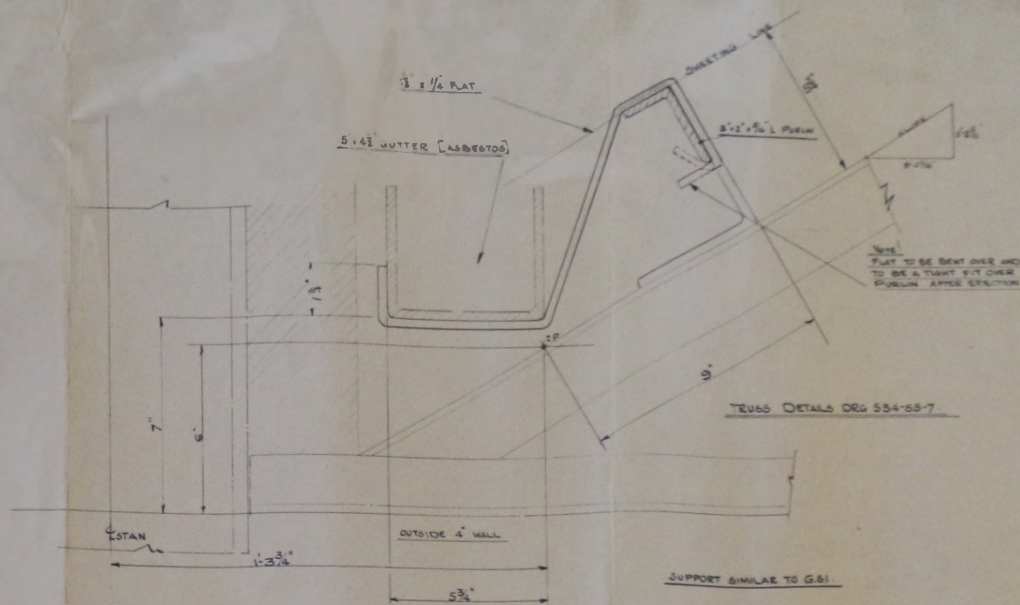
F22

HORSELEY BRIDGE AND THOMAS PIGGOTT LIMITED	
DRAWING 534/45/17	DATE
BY BE	24-1-56
CHECKED BY	

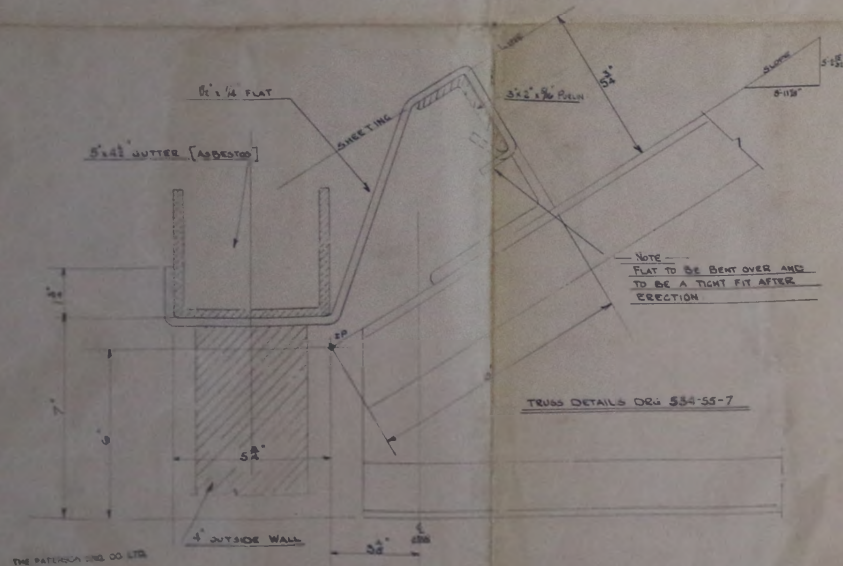




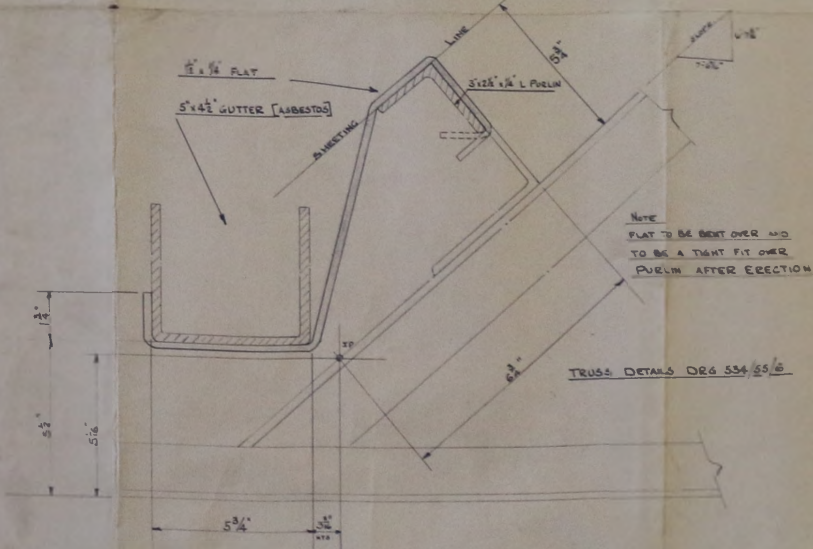
23 GUTTER SUPPORTS REQUIRED THUS MARK G51  
[FOR GUTTERS AT 31'-0" LEVEL]



28 GUTTER SUPPORTS REQUIRED AS DRAWN MARK G52  
[FOR GUTTERS AT 31'-0" LEVEL]



40 GUTTER SUPPORTS REQUIRED AS DRAWN MARK G53  
[FOR GUTTERS AT 31'-0" LEVEL]



12 GUTTER SUPPORTS REQUIRED AS DRAWN MARK G54  
[GUTTERS AT 40'-0" LEVEL]

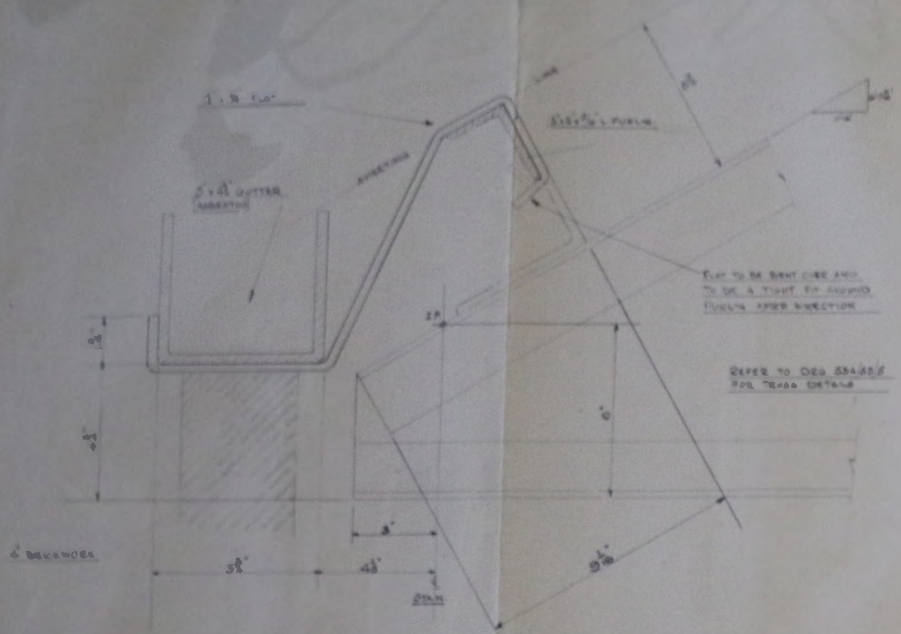
WORSLEY BRIDGE AND THOMAS BIDDOTT LIMITED  
DRAWING 534.55/10

DESIGNED BY	REVISED BY	DATE
10/22		22-2-56
CHECKED BY		
APPROVED BY		

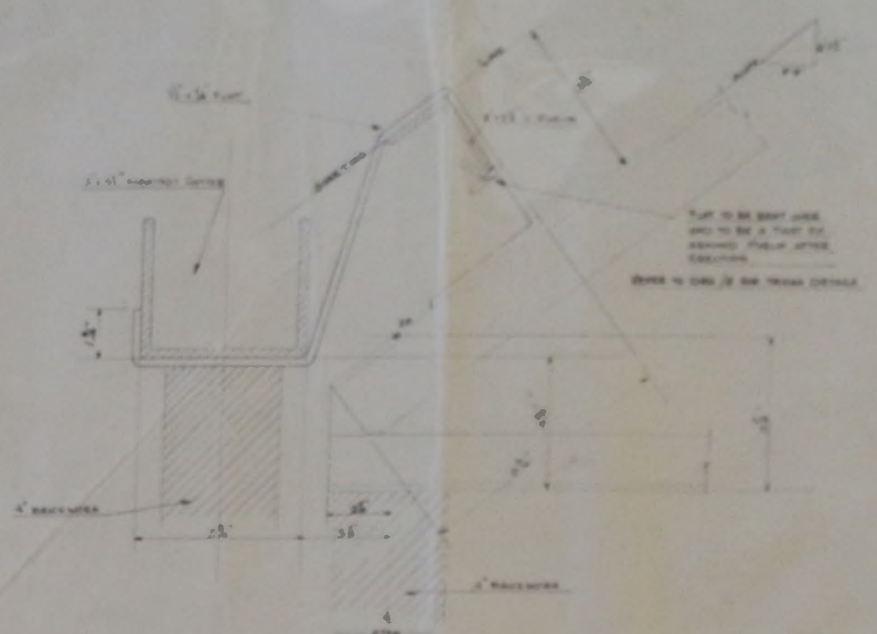
MATERIAL LIST NO. F - THE PERRARON ENGINEERING

F23

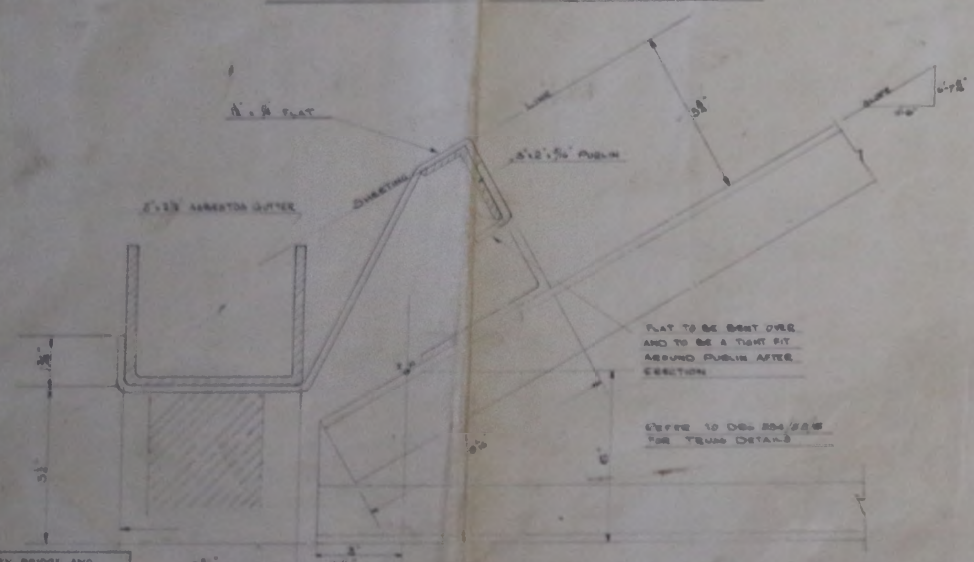




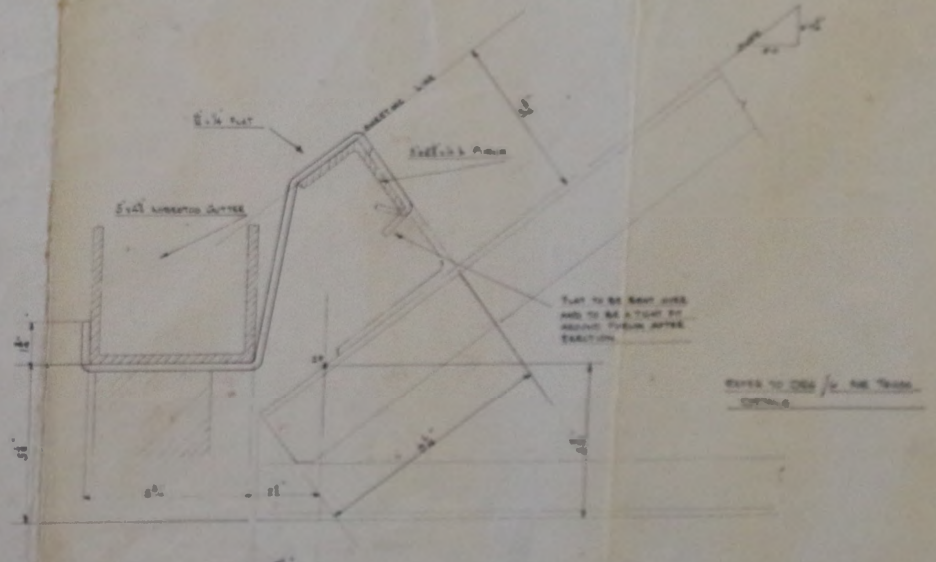
28 GUTTER SUPPORTS REQUIRED AS DRAWN MARK G.7  
GUTTERS AT 45'-0\"/>



24 GUTTER SUPPORTS REQUIRED TWICE MARK G.8  
GUTTERS AT 45'-0\"/>



28 GUTTER SUPPORTS REQUIRED AS DRAWN MARK G.5  
GUTTERS AT 45'-0\"/>



2 GUTTER SUPPORTS REQUIRED AS DRAWN MARK G.6  
GUTTERS AT 45'-0\"/>

MORSELEY BRIDGE AND THOMAS FISCHETT LIMITED	
DRAWING NO.	534 25 10
DATE	1956
DRAWN BY	GR
CHECKED BY	
APPROVED BY	
MATERIAL LIST NO.	

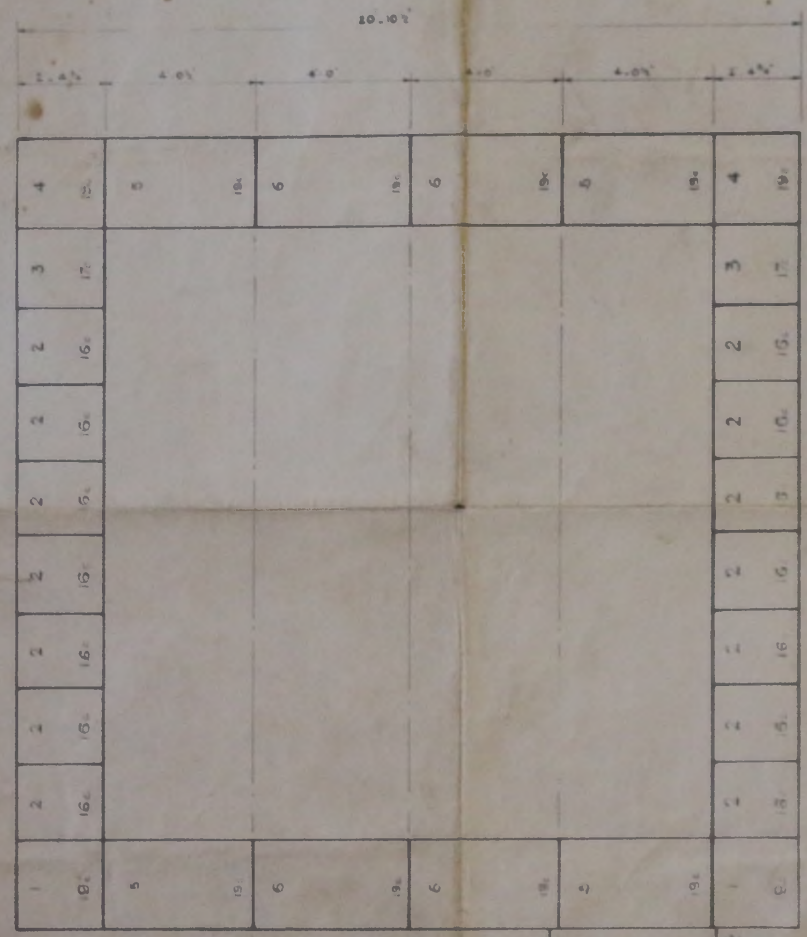
F24

THE ROOFS...

END OF SHEET



LINGS		
	TYPE	NO. SET
CLAMP BOLTS	STANDARD	16
CLAMP BOLTS	HEAVY	-
TOP CLIPS	STANDARD	16
ANGULAR CLIPS	STANDARD	-
BOLTS	HEAVY	16
BOLTS		
BOLTS		



THE PATERSON ENG. CO. LTD.

HORSELEY BRIDGE AND THOMAS PIGGOTT LIMITED	
DRAWING	534/55/20
DESIGNED BY	A.B. 29-3-56
TRACED BY	
CHECKED BY	
APPROVED BY	
MATERIAL LIST Nos.	

F25

ONE COMPLETE SET REQD AS DRAWN

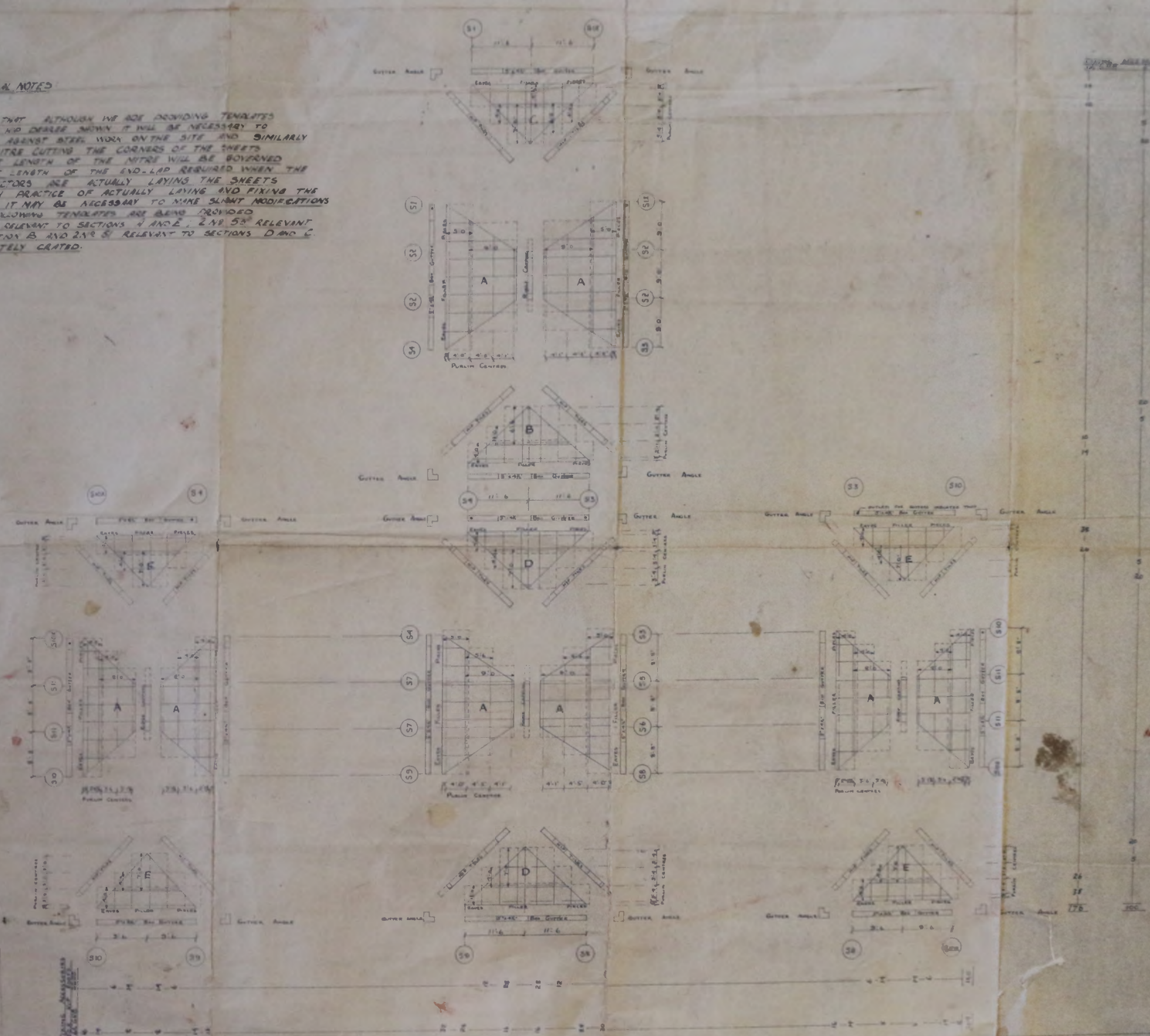
THE PATERSON ENGINEERING CO LTD BUILDING FOR WATER PURIFICATION PLANT [FALKLAND ISLANDS] DETAILS OF FLOOR

SCALE: 1/2" = 1'00"



GENERAL NOTES

NOTE THAT ALTHOUGH WE ARE PROVIDING TENSILES TO THE ROOF DRAPE WITHIN 2 INCHES IT WILL BE NECESSARY TO CHECK AGAINST STEEL WORK ON THE SITE AND SIMILARLY FOR MITRE CUTTING THE CORNERS OF THE SHEETS AS THE LENGTH OF THE MITRE WILL BE GOVERNED BY THE LENGTH OF THE END-LAP REQUIRED WHEN THE CONTRACTORS ARE ACTUALLY LAYING THE SHEETS BUT IN PRACTICE OF ACTUALLY LAYING AND FIXING THE SHEETS IT MAY BE NECESSARY TO MAKE SLIGHT MODIFICATIONS THE FOLLOWING TENSILES ARE BEING PROVIDED 2 INCHES RELEVANT TO SECTIONS A AND C, 2 INCHES 50 RELEVANT TO SECTION B AND 2 INCHES 51 RELEVANT TO SECTIONS D AND E SEPARATELY CRATED.



THE PATENTING AND CO. LTD

634/55/21

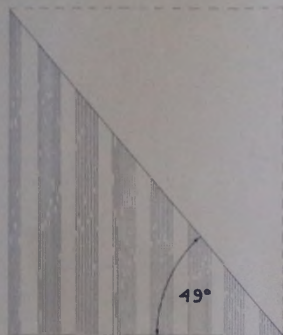
PROPOSED LAYOUT OF SUPER SIX SHEETS TO ROOF OF WATER PURIFICATION PLANT FALKLAND ISLANDS

F26

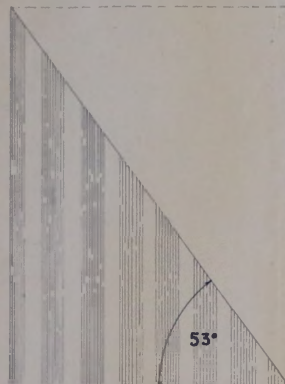
THE UNIVERSAL MANUFACTURING COMPANY LTD  
 10, QUEEN'S ROAD, HONG KONG  
 TEL: 2522

634/55/21 D/6752

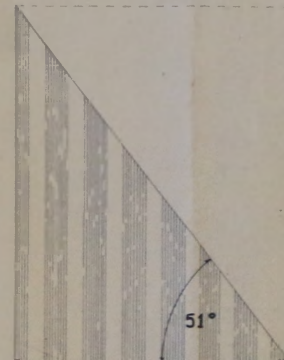




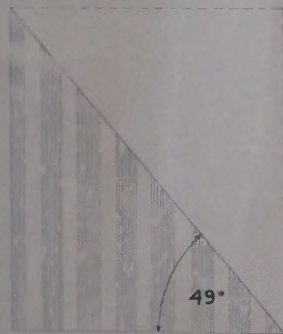
DETAILS OF SHEETS TO BE CUT ON HIPS. ROOFS MARKED "A"



DETAILS OF SHEETS TO BE CUT ON HIPS. ROOFS MARKED "B"



DETAILS OF SHEETS TO BE CUT ON HIPS. ROOF MARKED "C & D"



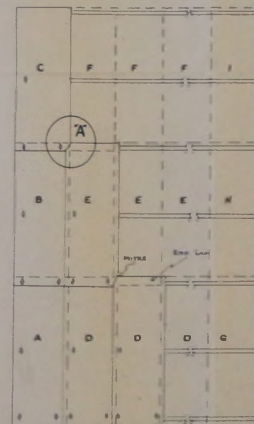
DETAILS OF SHEETS TO BE CUT ON HIPS. ROOFS MARKED "E"

NOTE: THE DEGREES SHOWN FOR THE CUTTING OF THE HIP SHEETS SHOULD BE CHECKED AGAINST STEELWORK ON SITE.



DETAIL INDICATING MITRE  
NOTE: THE ACTUAL MITRE LENGTH WILL BE GOVERNED BY THE LENGTH OF END LAP

DETAIL AT "A"



THE PATENTERS ENG'G CO. LTD.  
CARTER HORGELEY AND LIMITED  
554/55/53

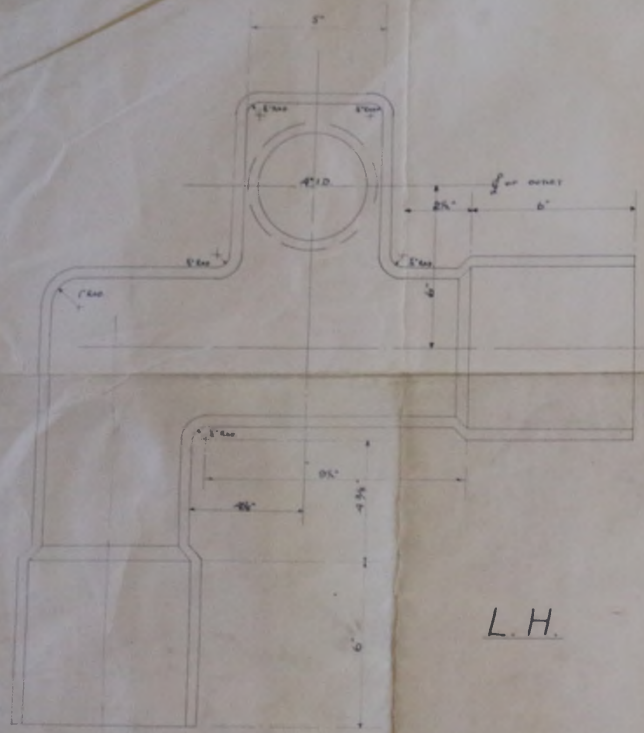
NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH D/8752

27

DETAILS TO SHOW HOW MITRES REQUIRED ARE CUT ALSO DEGREE OF CUT AT HIP ENDS, TO ROOF OF WATER PURIFICATION PLANT FALKLAND ISLANDS.  
FOR MESSRS CARTER HORGELEY [ENGINEERS] LTD STAFFS

THE UNIVERSAL STEELWORK MANUFACTURING COMPANY LIMITED  
WALSLEY, WEST YORKSHIRE  
TELEGRAMS: G 400000, 4001  
D/8752/A/1

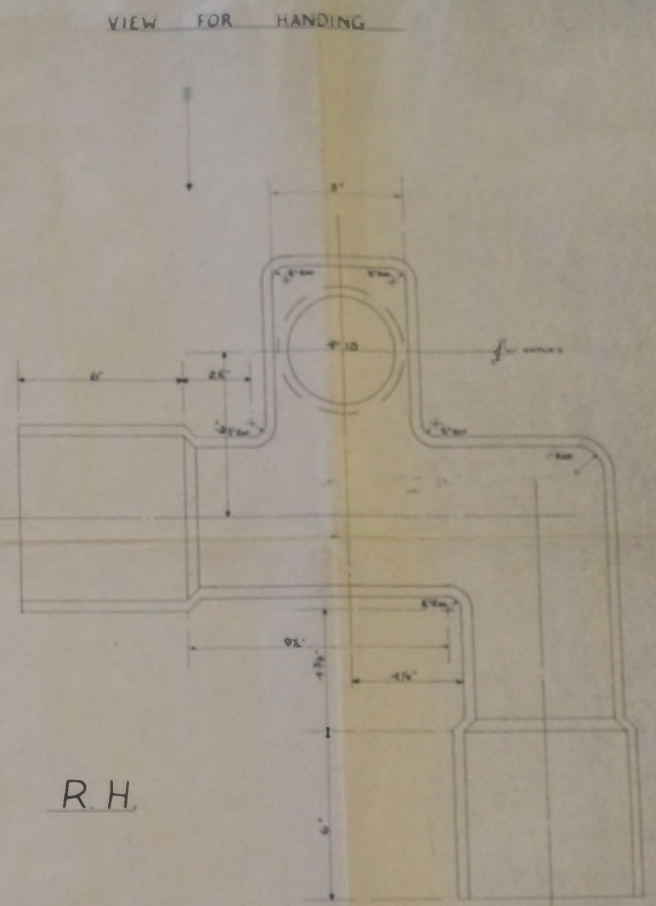




L.H.

NOTE ALL DIMENSIONS NOT SHOWN SIMILAR TO STANDARD PRODUCT

4<sup>N</sup> REQUIRED LH  
4<sup>N</sup> REQUIRED RH



R.H.

THE PATENT ENGINEERS LTD

HORSELEY BRIDGE AND THOMAS POCOTT LIMITED	
DRAWING NO	354/35/53
DATE	
DESIGNED BY	
CHECKED BY	
APPROVED BY	

F28

PROPOSE DETAILS OF SPECIAL 5"x4 1/2" BOX GUTTER ANGLES INCORPORATING 4" ID. SIDE OUTLET FOR USE ON THE WATER PURIFICATION PLANT FALKLAND ISLANDS

FOR MESSRS CARTER HORSELEY TIPTON STAFFS.

**THE UNIVERSAL SYSTEM**  
 MADE BY THE UNIVERSAL SYSTEMS LIMITED  
 WATER - WASTEWATER - SEWERAGE  
 YORKSHIRE - ENGLAND 1957

UNIVERSAL SYSTEMS LIMITED  
 WATER - WASTEWATER - SEWERAGE  
 YORKSHIRE - ENGLAND 1957

UNIVERSAL SYSTEMS LIMITED  
 WATER - WASTEWATER - SEWERAGE  
 YORKSHIRE - ENGLAND 1957

D/9750/A



WATER. GENERAL ARRANGEMENT & MARKING PLAN OF PS SEDIMENTATION TANK - 29F - 5 JULY 1955

MCA-46-WA-0046



29F

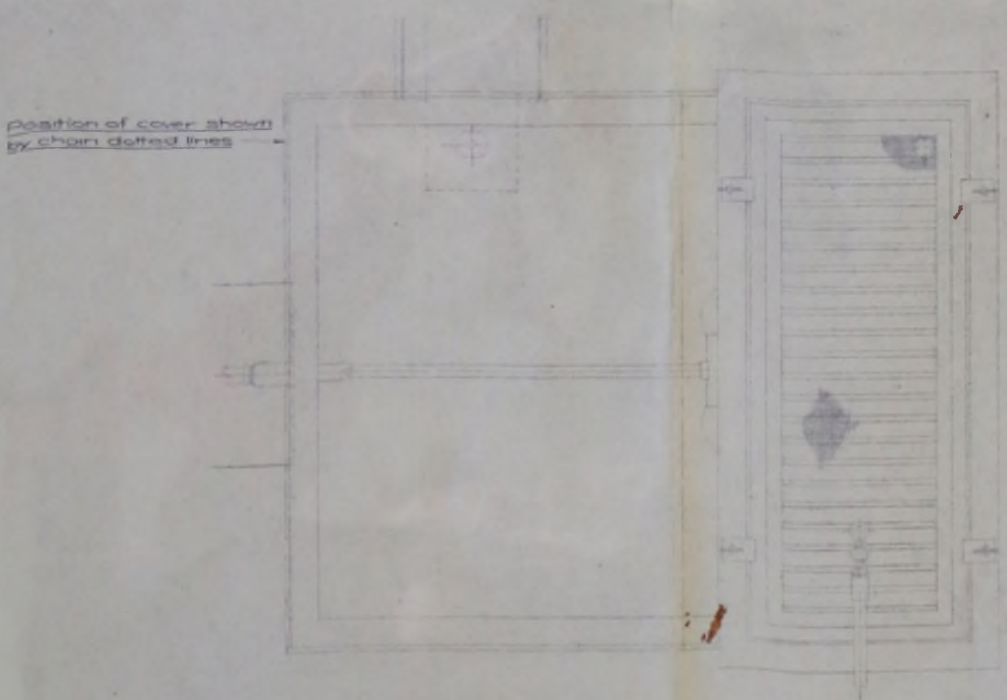
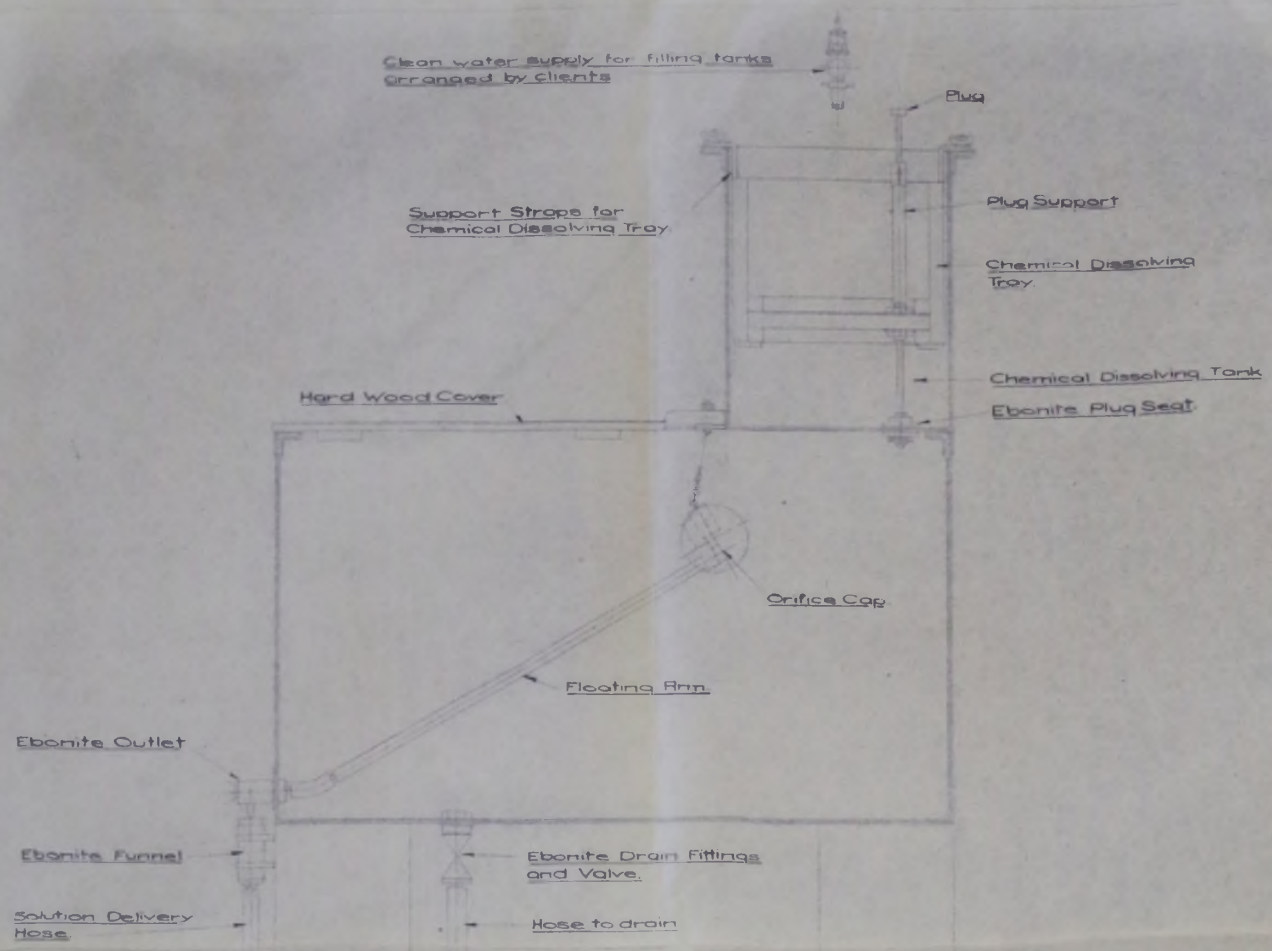
BRIDGE AND  
PIGOTT LIMITED  
DRAWING 2430/53/A  
DESIGNED BY  
CHECKED BY  
APPROVED BY

GENERAL ARRANGEMENT & MARKING PLAN OF PS SEDIMENTATION TANK 24' 10" x 8' 10" 10' DEEP

THE PATERSON ENGINEERING CO LTD LONDON

SCALE 1/4" = 1'-0"





Arrangement of Solution Feed Equipment

THE PATERNON ENGINEERING CO. LTD  
 27, Abchurch Lane, LONDON  
 E.C. 4

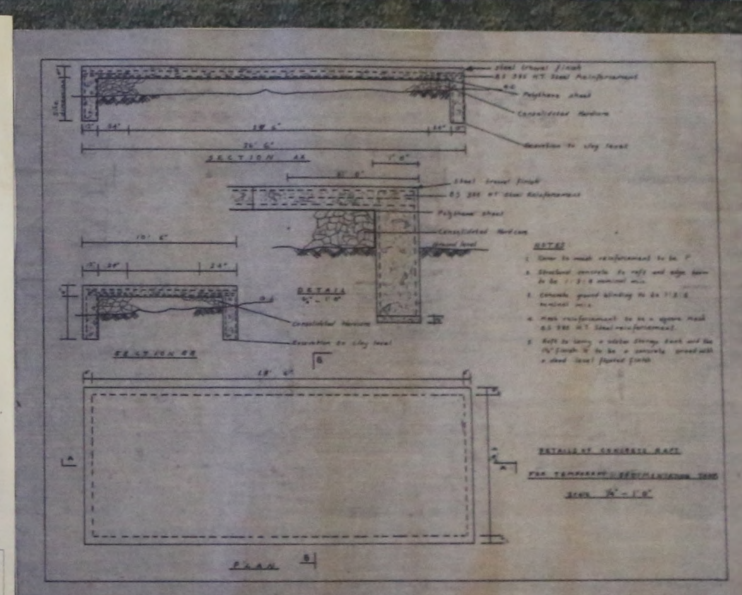
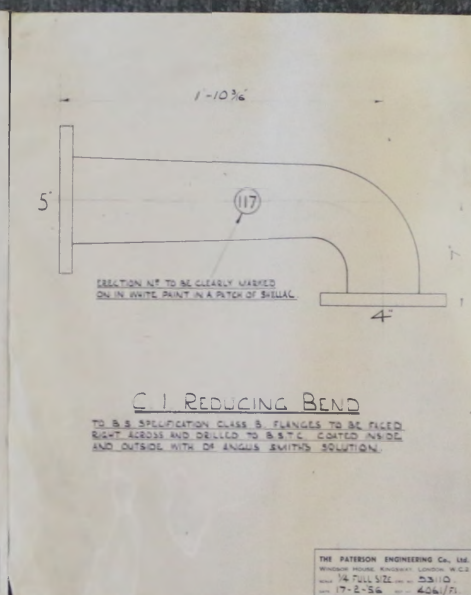
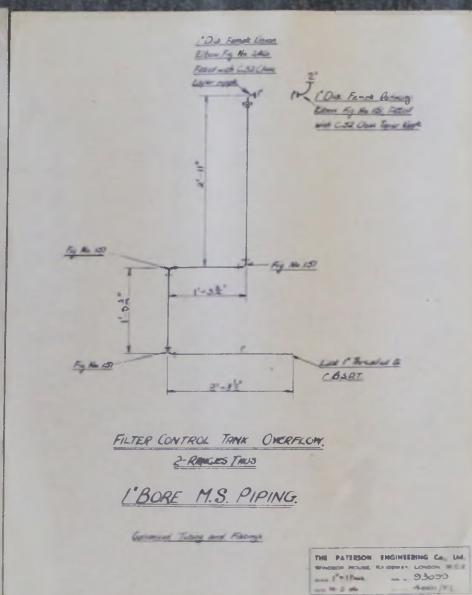
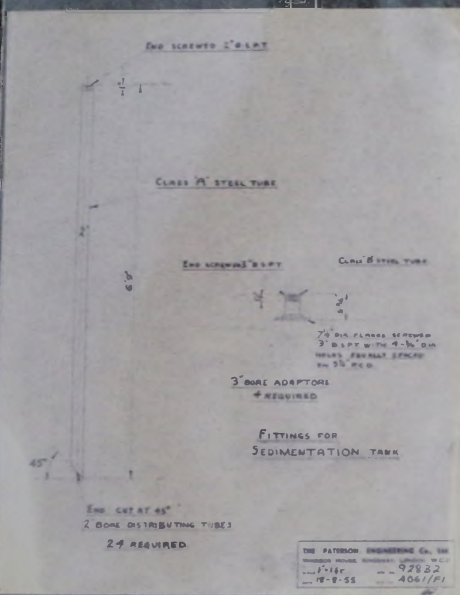


(a)

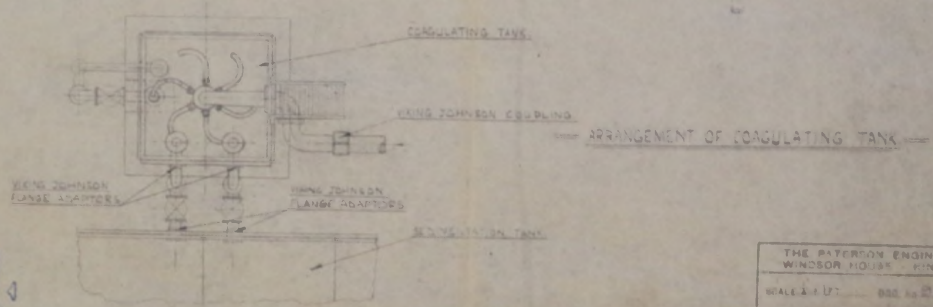
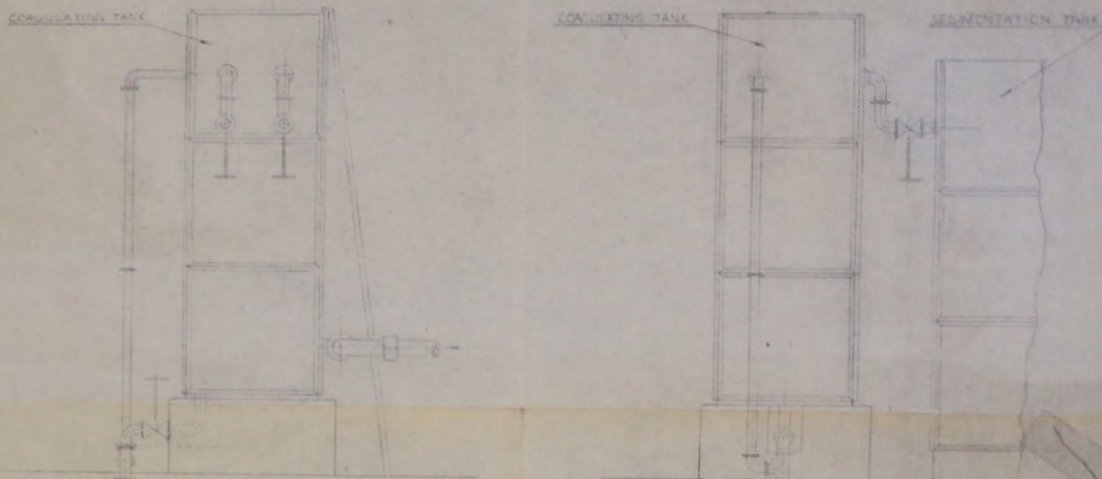
(b)

(c)

(d)



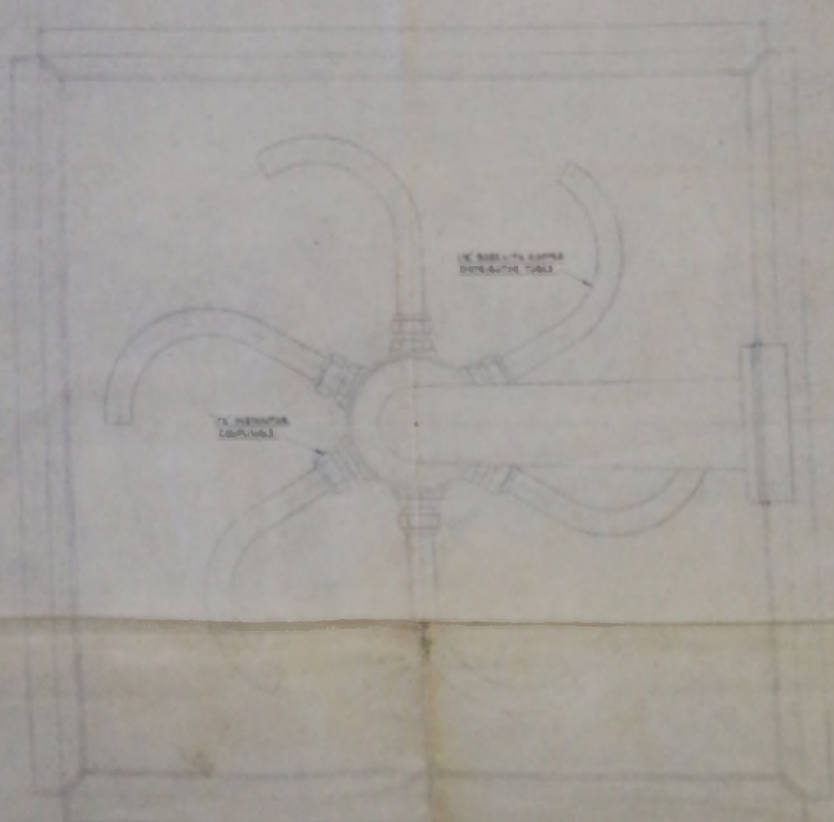
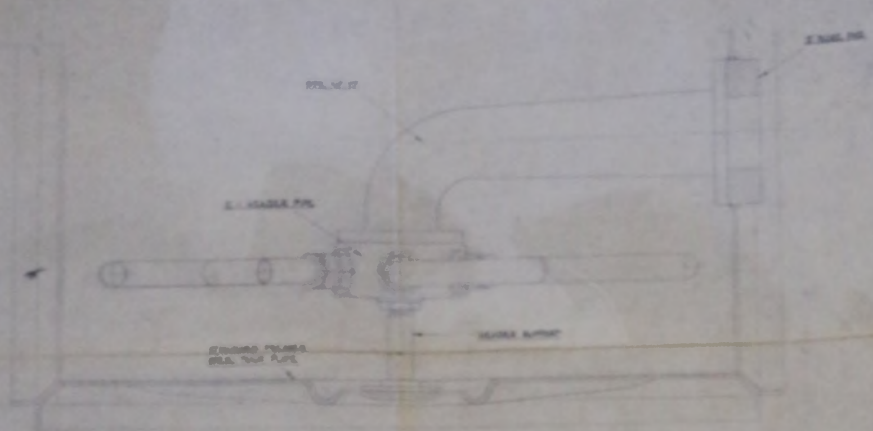




341

THE PATERSON ENGINEERING CO. LTD.  
 WINDSOR HOUSE - KINGSWAY - LONDON  
 SCALE 1/4" = 1' - DRG. NO. 23053  
 DATE 18-1-56 - REF. NO. 400/P1





ARRANGEMENT OF DISTRIBUTOR  
IN COAGULATING TANK

ed 5. 1<sup>st</sup>  
ed ed.

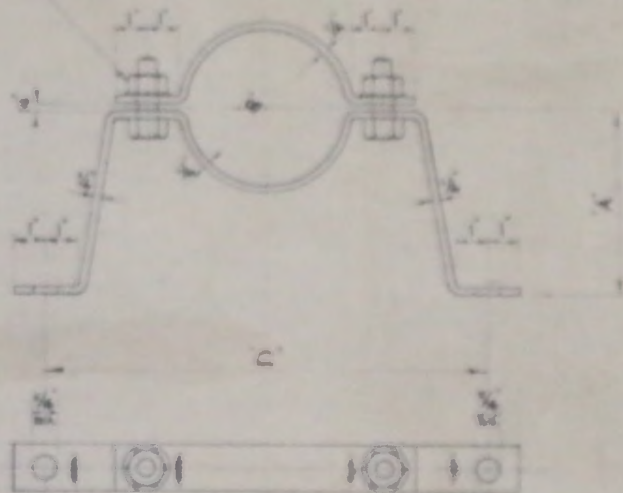
DATE	BY	CHKD
1956 02-24	...	...
...	...	...



WATER-DETAIL... 38F-8 MAR 1956

MCA-46-WA-0051

2 x DIA. x LONG M.S. BOLTS  
TOGETHER WITH NUTS &



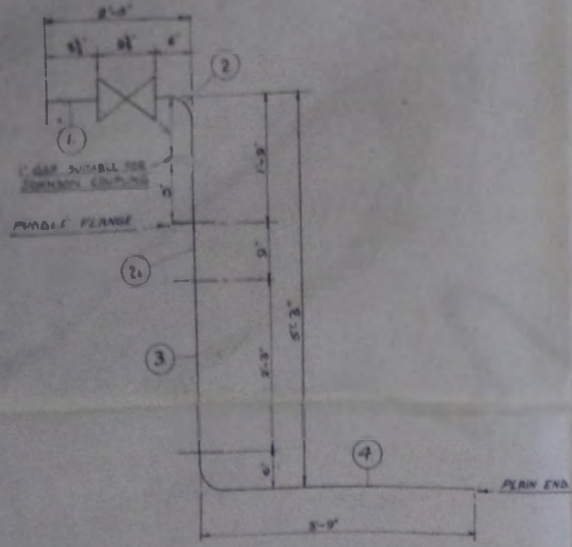
DETAIL OF M.S. PIPE SUPPORT  
COATED ONE COAT BLACK BITUMASTIC

POSITION	BORE OF PIPE	A'	B	C	NO OF
High Lift Pumps to WASHWATER TANK	2	7 1/2	3	1-1 1/2	2
	3	7 1/2	4	1-2 1/2	1
WASHWATER TANK DELIVERY MAN	5	4	6	1-4 1/2	1
	5	7	6	1-4 1/2	2
WASHWATER OVERFLOW	5	8	6	1-4 1/2	1
	5	5 1/2	4	1-2 1/2	1
5	5 1/2	4	1-2 1/2	1	
FIT DELIVERY MAN	5	8 1/2	6	1-4 1/2	1

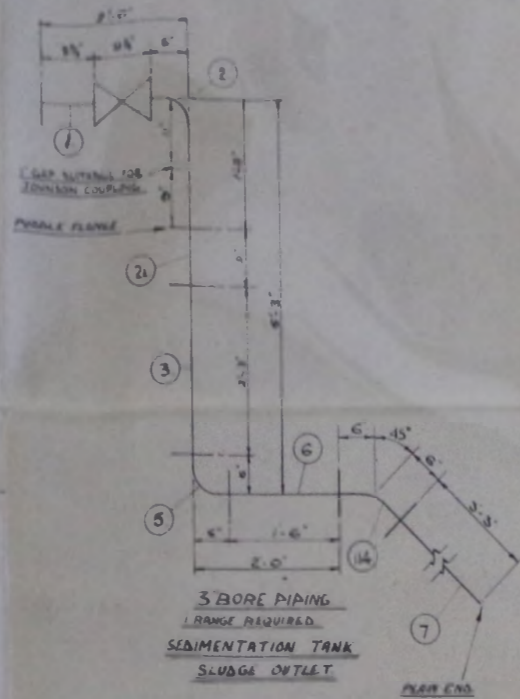


THE PATTERSON ENGINEERING Co., Ltd.  
WINDSOR HOUSE, BROADWAY, LONDON, W.C.2  
TELEGRAMS: PATENGIN  
TELEPHONE: 406

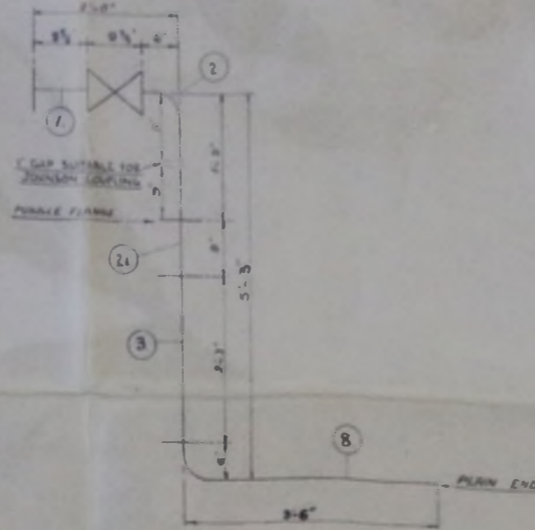




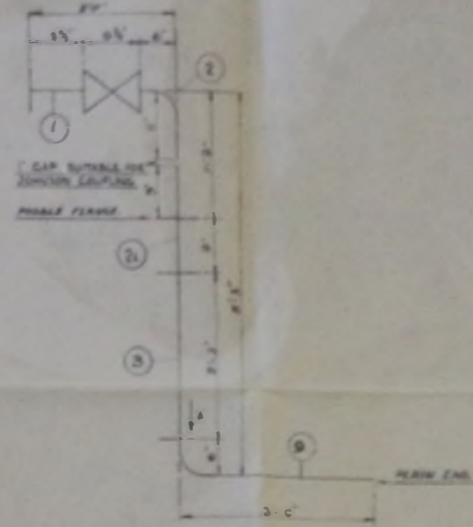
3 BORE PIPING  
RANGES REQUIRED  
SEDIMENTATION TANK  
SLUDGE OUTLET



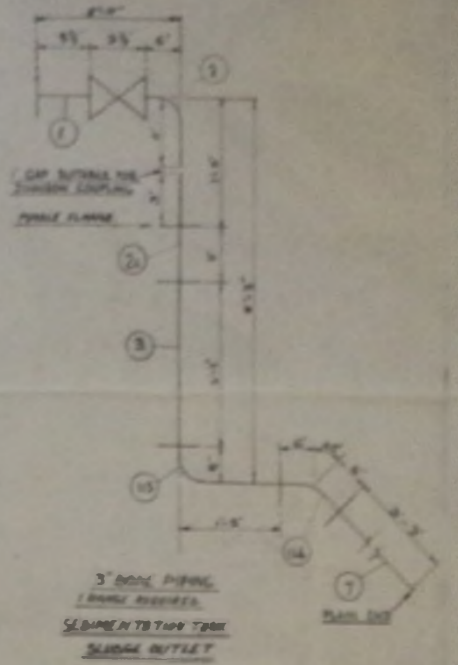
3 BORE PIPING  
1 RANGE REQUIRED  
SEDIMENTATION TANK  
SLUDGE OUTLET



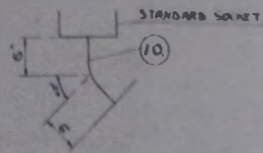
3 BORE PIPING  
1 RANGE REQUIRED  
SEDIMENTATION TANK  
SLUDGE OUTLET



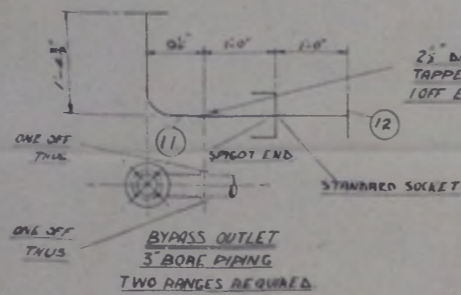
3 BORE PIPING  
RANGES REQUIRED  
SEDIMENTATION TANK  
SLUDGE OUTLET



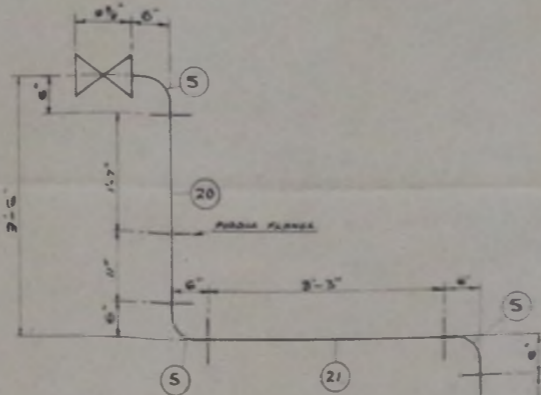
3 BORE PIPING  
1 RANGE REQUIRED  
SEDIMENTATION TANK  
SLUDGE OUTLET



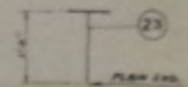
WASTE PIPE CONNECTION TO DRAIN  
3 BORE PIPING  
TWO RANGES REQUIRED



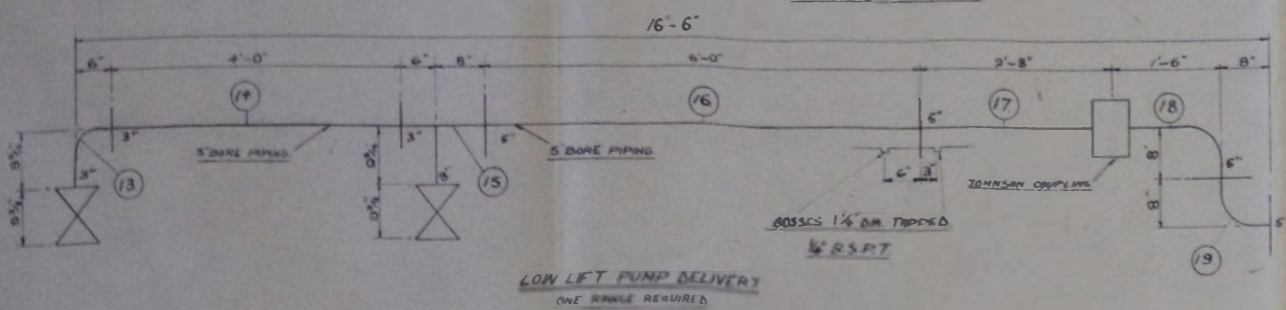
BYPASS OUTLET  
3 BORE PIPING  
TWO RANGES REQUIRED



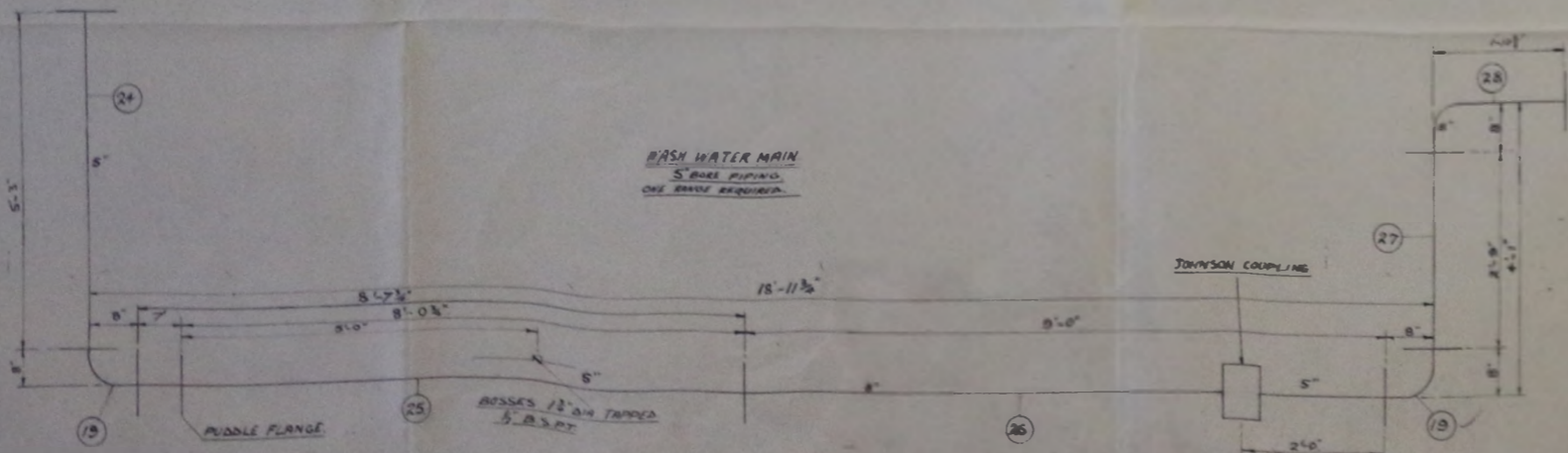
LOW LIFT PUMP SECTION  
3 BORE PIPING  
TWO RANGES REQUIRED



OUTLET FROM FILTER  
CONTROL CHAMBER  
3 BORE PIPING  
TWO RANGES REQUIRED



LOW LIFT PUMP DELIVERY  
ONE RANGE REQUIRED



WASH WATER MAIN  
3 BORE PIPING  
ONE RANGE REQUIRED

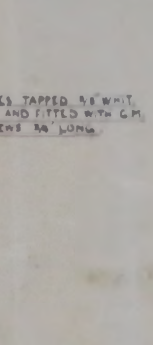
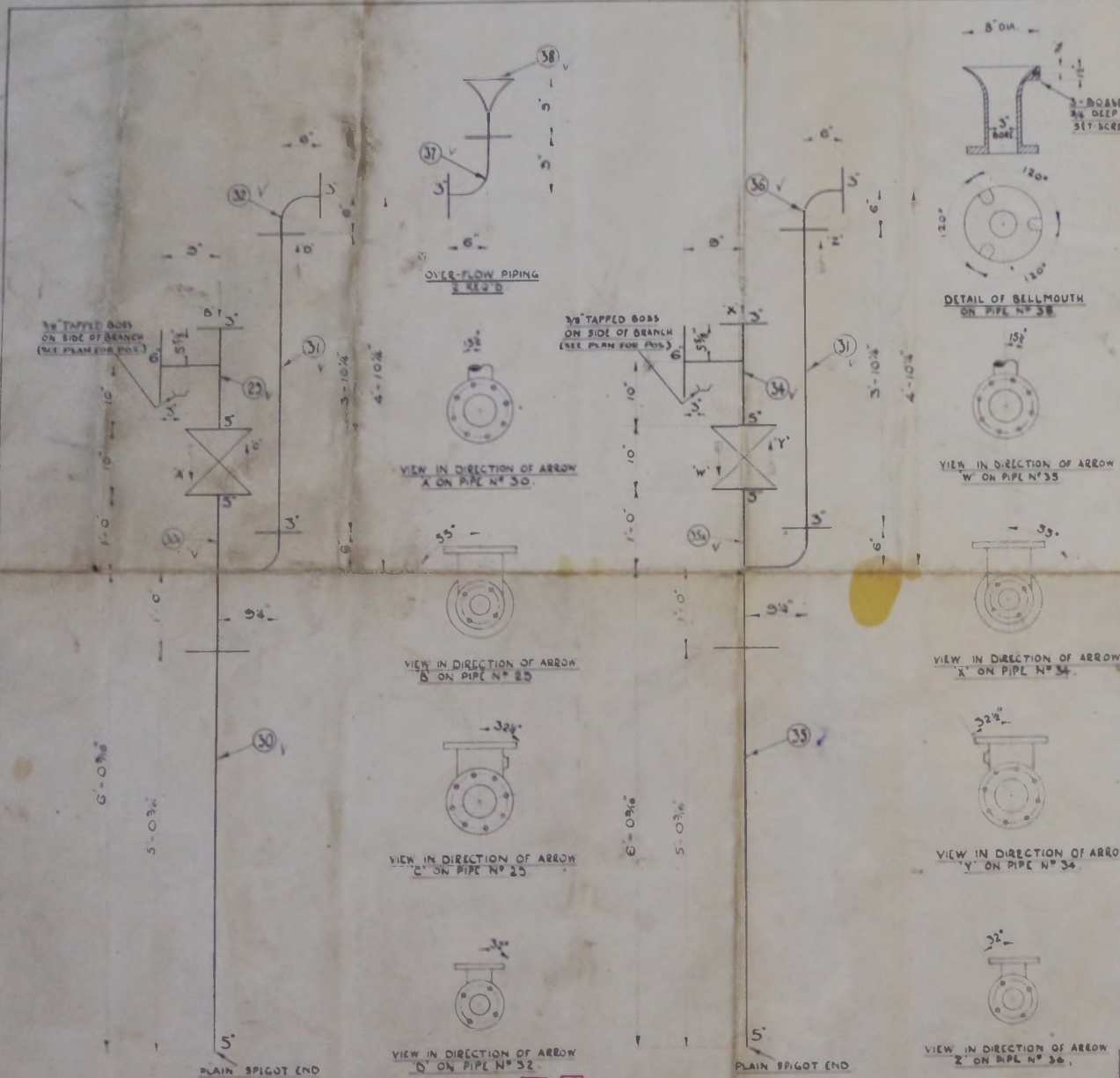
CAST IRON PIPING

INDICATION DIMENSIONS TO BE CLEARLY MARKED ON  
A WHITE PAPER OR A PATTERN OF SHELLAC

ALL WORK TO BE DONE UNDER  
SUPERVISION OF THE ENGINEER  
IN CHARGE OF THE PROJECT  
AND TO BE DONE IN ACCORDANCE  
WITH THE SPECIFICATIONS  
AND DRAWINGS FOR THE PROJECT  
AND TO BE DONE IN ACCORDANCE  
WITH THE SPECIFICATIONS  
AND DRAWINGS FOR THE PROJECT

THE PATENT ENGINEERING CO. LTD.  
BRIDGE ROAD - AUSTIN - TORONTO  
MAY 1955  
92929  
1  
MAY 1955





**NOTE**

All piping to be made to the Standard Specification for Steel Pipe, B and C, and tested accordingly.

Flanges to be made to the standard of the American Institute of Steel Construction, Inc., and to be tested accordingly.

Dimensions, which are not clearly indicated, shall be as shown on the drawings.

All gasketing material supplied by the Paterson Eng. Co. Ltd.

All valves supplied by the Paterson Eng. Co. Ltd.

DRAWING NUMBERS TO BE CLEARLY MARKED ON IN WHITE PAINT IN A PATCH OF SHELLAC.

FILTER INLET AND WASTE PIPING FOR FILTER NO. 1, ONE RANGE REQD.

40.F

FILTER INLET AND WASTE PIPING FOR FILTER NO. 2, ONE RANGE REQD.

AMENDED

THE PATERSON ENGINEERING CO. LTD. WINDSOR STREET - KENTWAY - LONDON	
SCALE 1 inch to 1 foot	DWG NO. 33003
DATE 13-12-55	REF. NO. 4061/Fl.

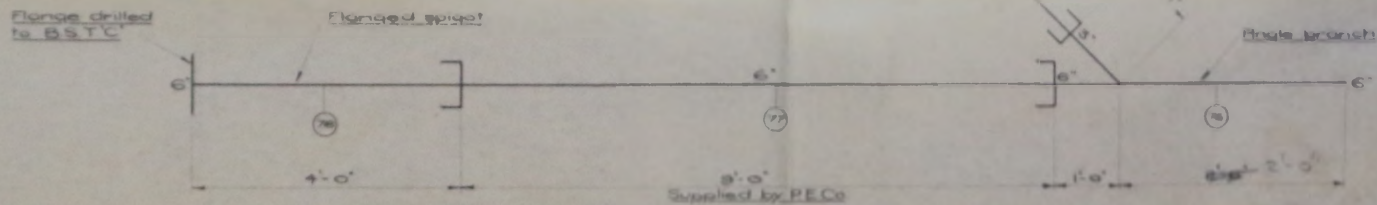
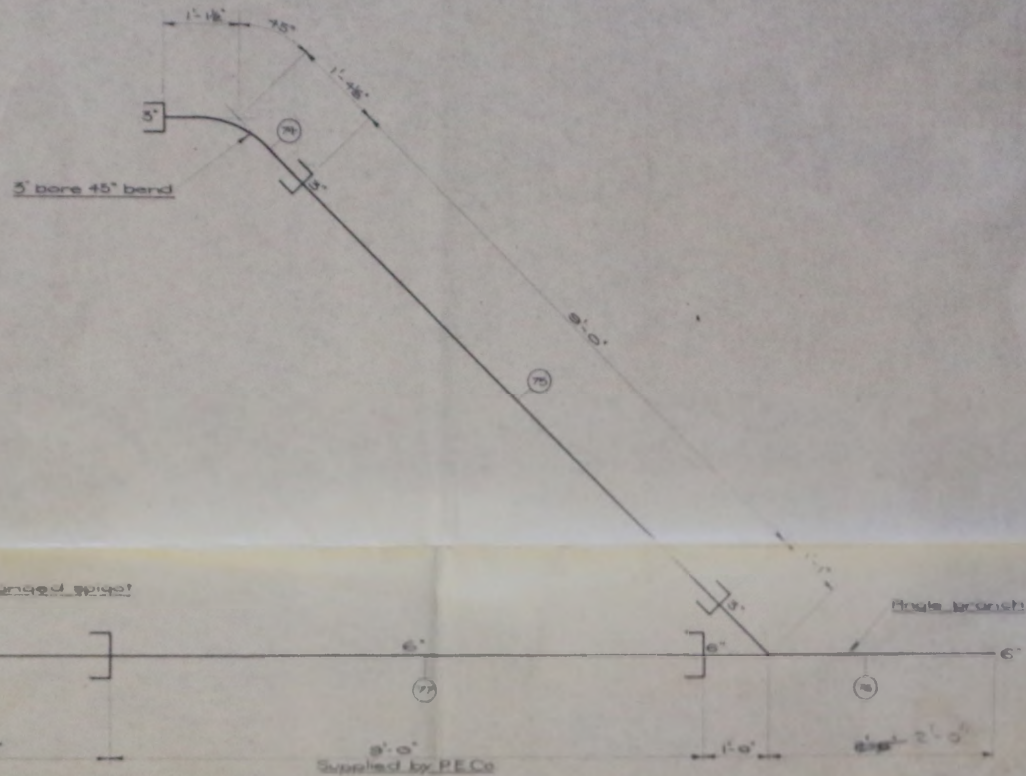




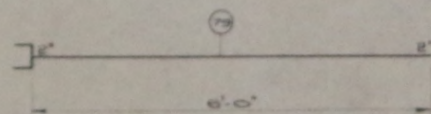


WATER - DETAIL OF CI PIPING - F43 - 19 DEC 1955

MCA-46-WA-0055



Filter Waste and Coagulating Tank Overflow  
One Range Req'd



Filtered Water Tank Overflow  
4 - Req'd Thus.

Note:  
Erection numbers to be clearly marked on  
a white point on a patch of shales.

Detail of CI Piping

Fulford Island Water Supply

THE PATERNON ENGINEERING CO. LTD  
WINDSOR HOUSE - KINGSWAY - LONDON

SCALE 3/4" = 1' (Dist) DRG No. 85018

DATE 19-12-55 REF. No. 4061/P1

DETAILS

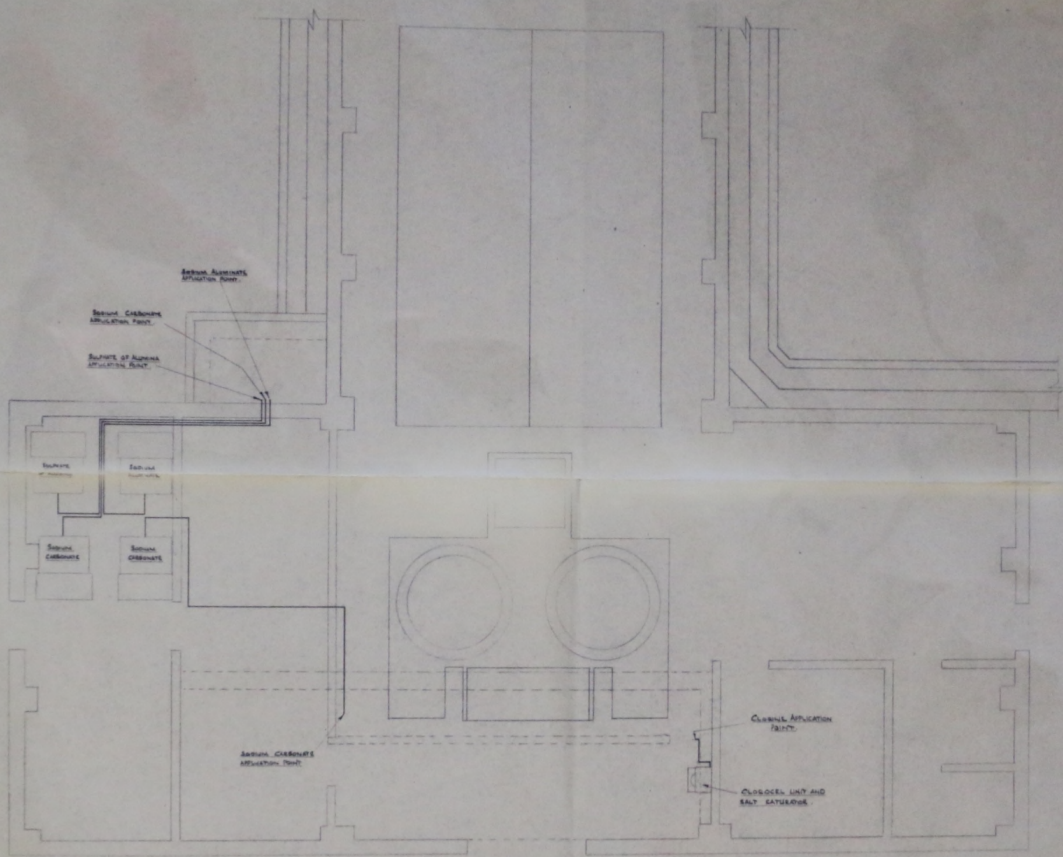
101

F43



WATER-DIAGRAMMATIC ARRANGEMENT... - F46 - 26 MAR 1956

MCA-46-WA-0056

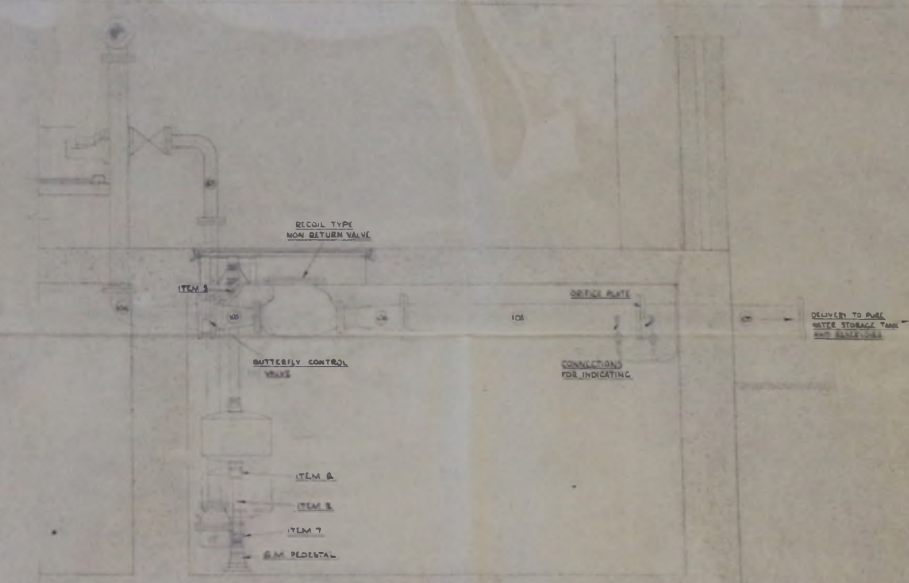
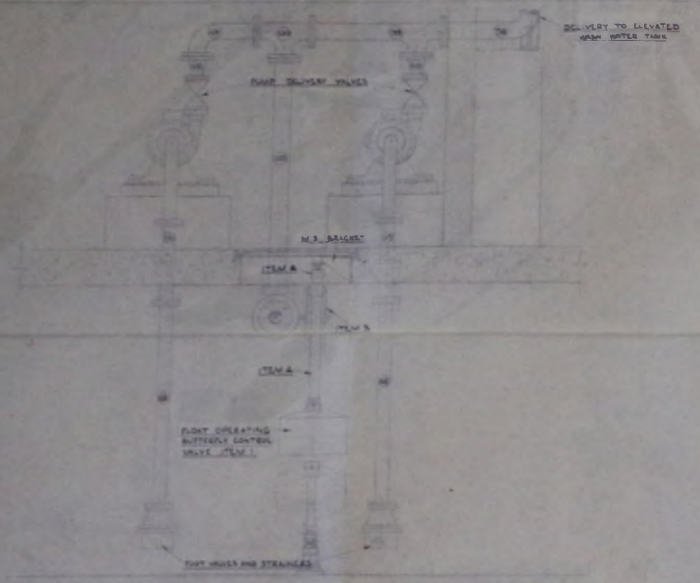


F46

DIAGRAMMATIC ARRANGEMENT SHOWING CHEMICAL APPLICATION POINTS

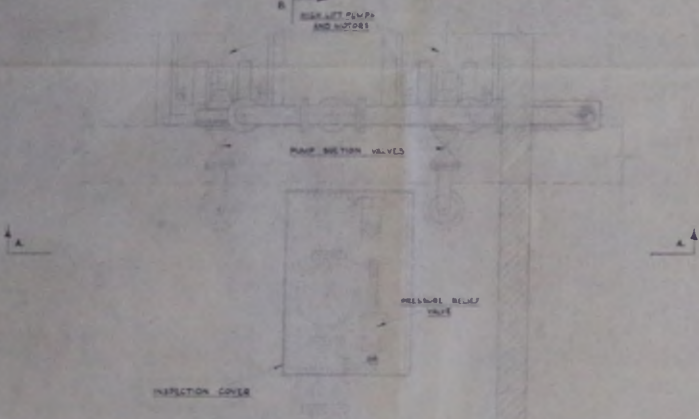
THE PATTERSON ENGINEERING CO. LTD	
WINDSOR HOUSE - KING'S WAY - LONDON	
SCALE: 1/4" TO 1' FOOT	DRG. No. 53157
DATE: 26-3-56	REV. No. 4061/EL





SECTION A-A

SECTION B-B

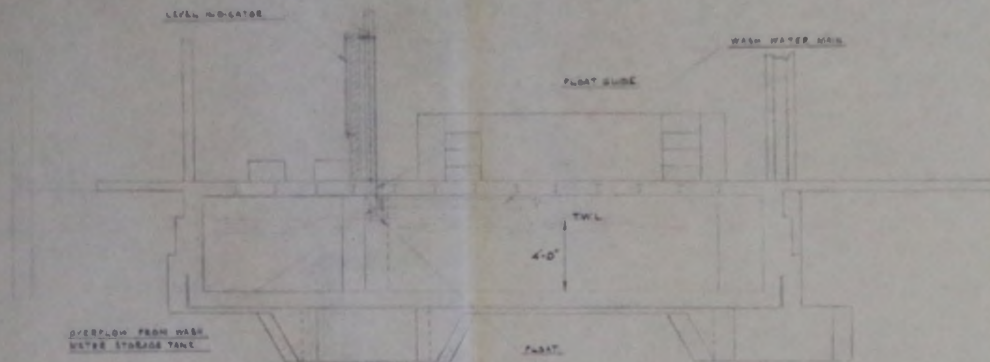


ARRANGEMENT OF SUCTION CHAMBER IN PURE WATER TANK

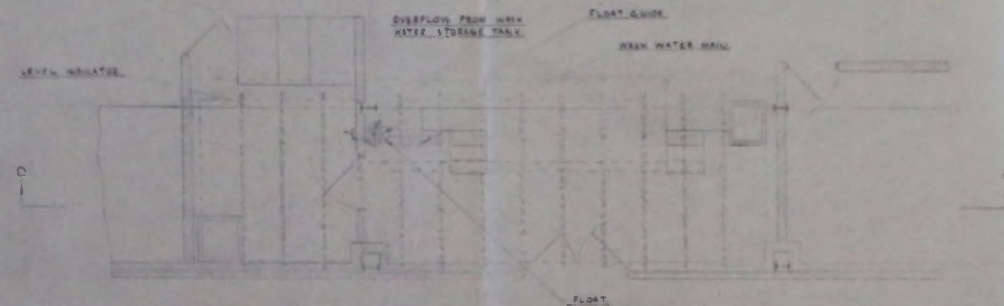
INTEGRATING AND RECORDING METER

49F





- SECTION D-D -



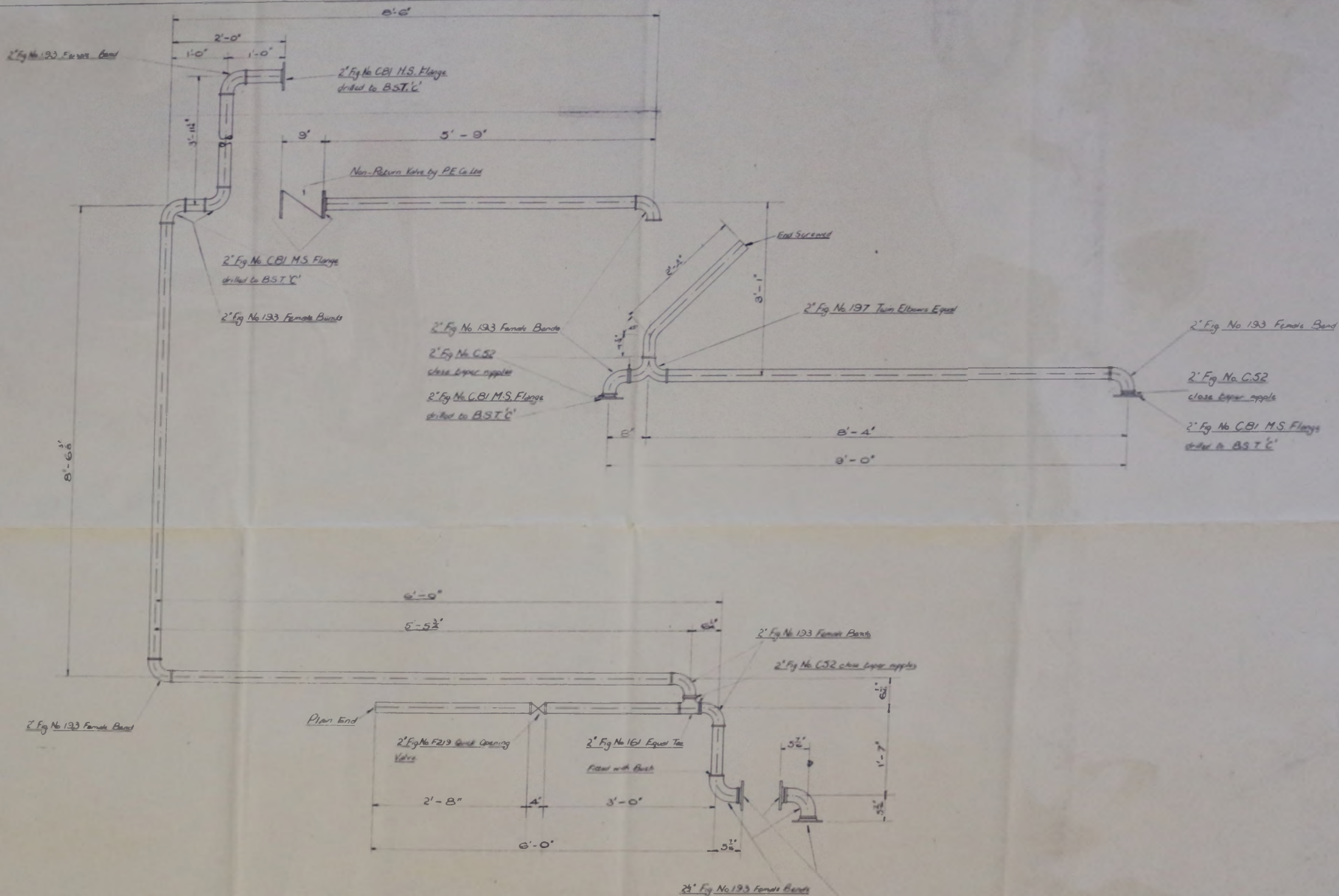
- PLAN -

== LEVEL INDICATOR IN FILTERED WATER ==  
== STORAGE TANK. ==

50F

THE PATTERSON ENGINEERING CO., LTD.	
WINDSOR HOUSE - KINGSWAY - LONDON	
SCALE: 1/2" = 1ft	DLG No. 93088
DATE: 1-2-56	EST. No. 4061/01





2" BORE M.S. PIPING WITH M.I. FITTINGS

1-RANGE THUS

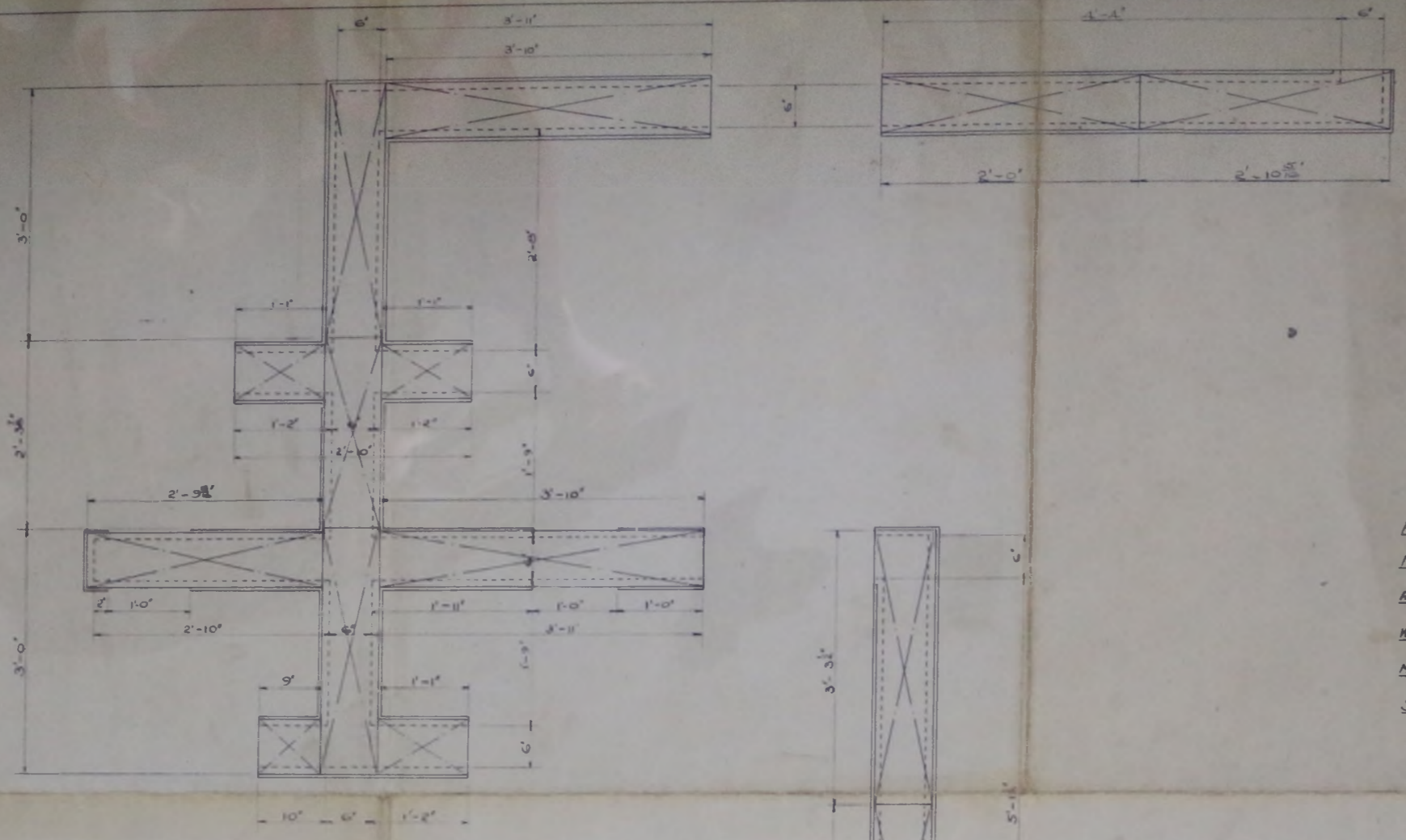
Consistent Standard Fittings

2" Fig No. CBI M.S. Flanges drilled to BST C' and fitted with 2" Fig No. C52 close super nipples

51F

THE PATERSON ENGINEERING CO. LTD. WINDSOR HOUSE - KINGSWAY - LONDON	
Scale: 1" = 1 Foot	DWG No. 9307B
DATE 26 JAN '56	REF No. 4061

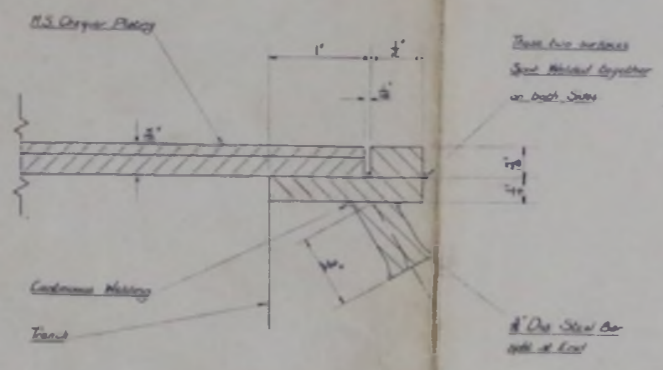
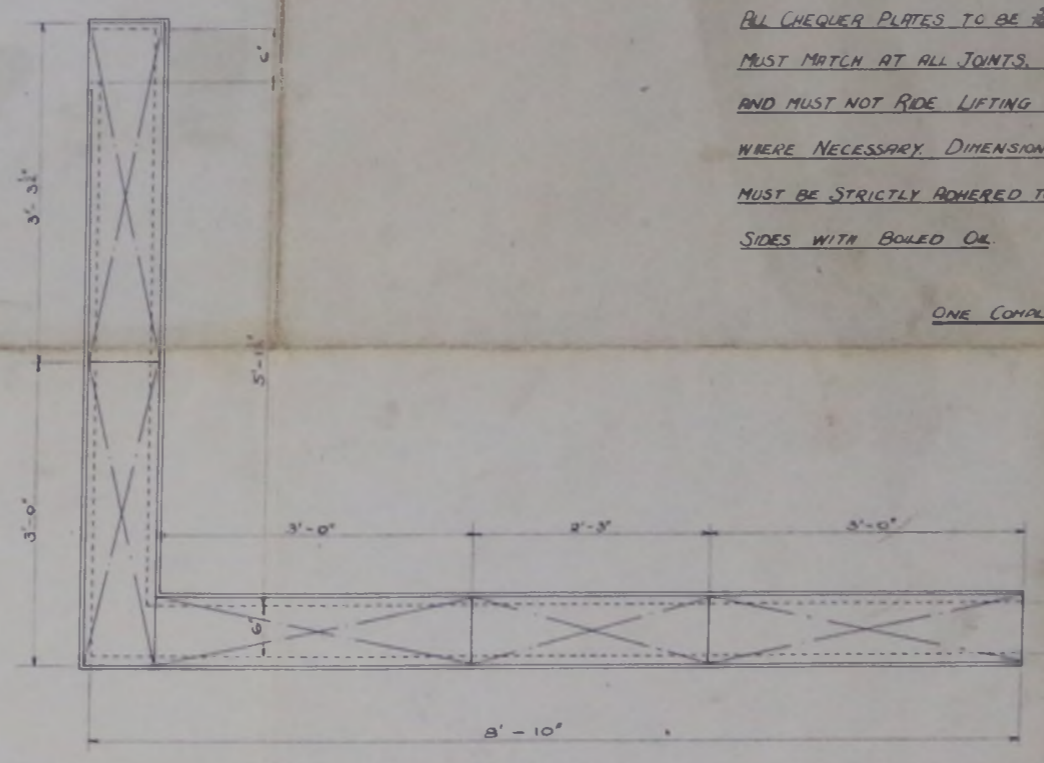




M.S. CHEQUER PLATING.

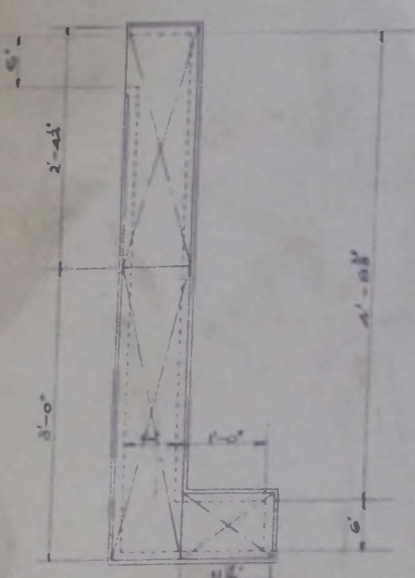
ALL CHEQUER PLATES TO BE  $\frac{1}{8}$ " AND  $\frac{1}{4}$ " DIAGONALITY PATTERNS  
 MUST MATCH AT ALL JOINTS. ALL PLATES TO HAVE PLANED EDGES  
 AND MUST NOT RIDE LIFTING HOLES AND KEYS TO BE PROVIDED  
 WHERE NECESSARY. DIMENSIONS GIVEN TO THE INSIDE OF TRENCHES  
 MUST BE STRICTLY ADHERED TO. ALL PLATES TO BE COATED BOTH  
 SIDES WITH BOILED OIL.

ONE COMPLETE SET REQ

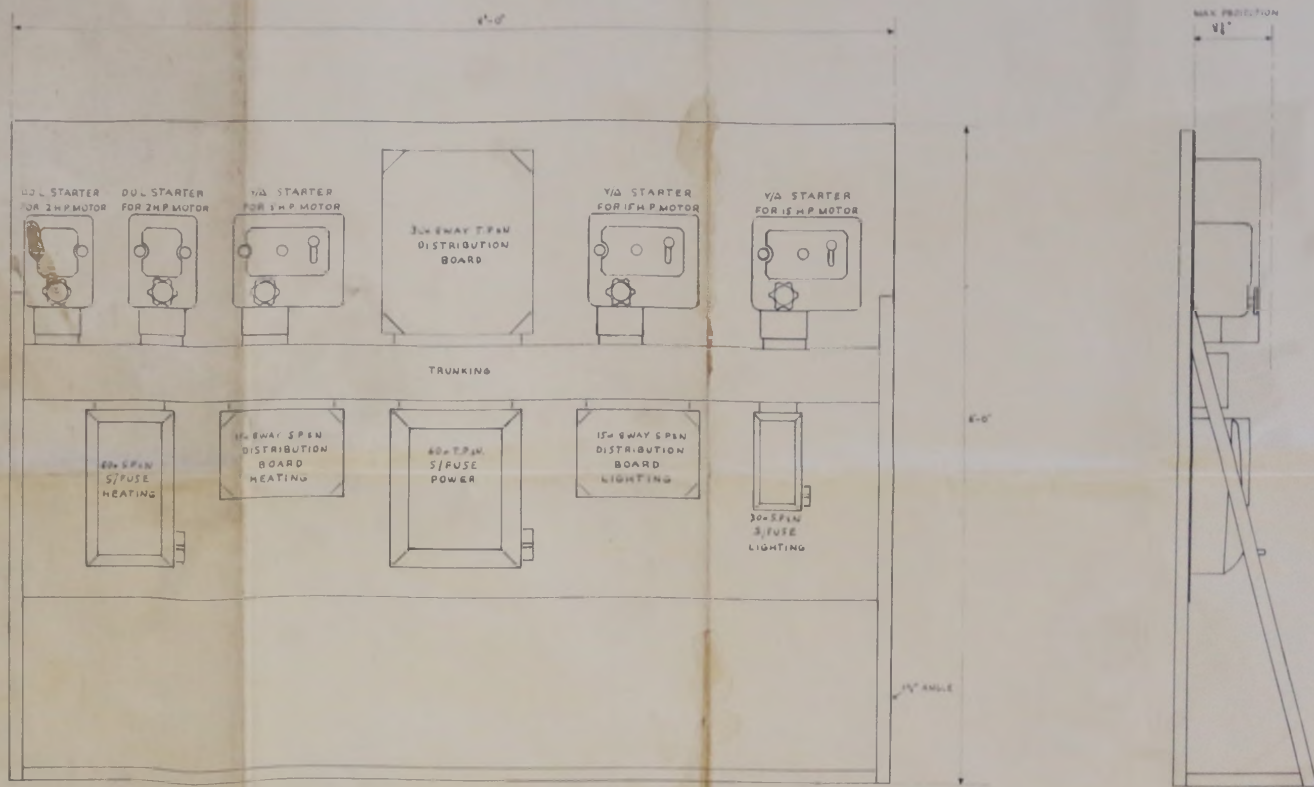


STEEL CURBING  
 PART SECTION THROUGH TRENCH

52.F







GENERAL ARRANGEMENT OF SWITCHBOARD FOR FALKLAND ISLANDS TO THE ORDER OF THE PATERSON ENGINEERING CO., LTD.

53F

ENL. 1/25 X 10/4

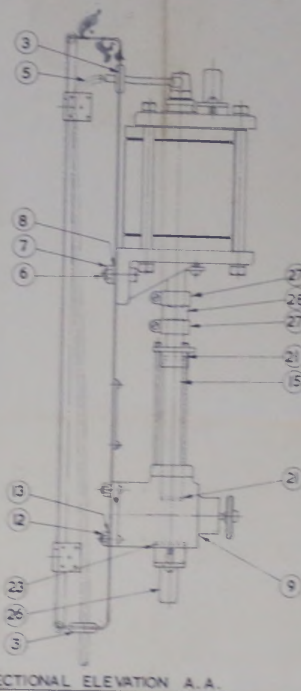
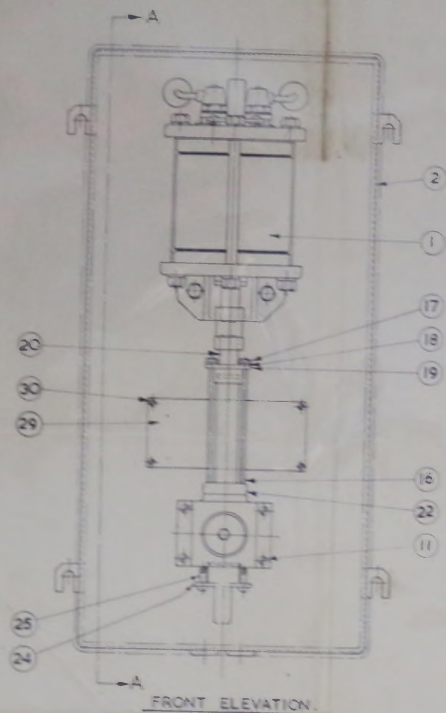
CITY ELECTRICAL CO

SCALE: 1/8"



WATER - ASSEMBLY OF CLOROCEL ... - 54F - 9 MAY 1956

MCA-46-WA-0062



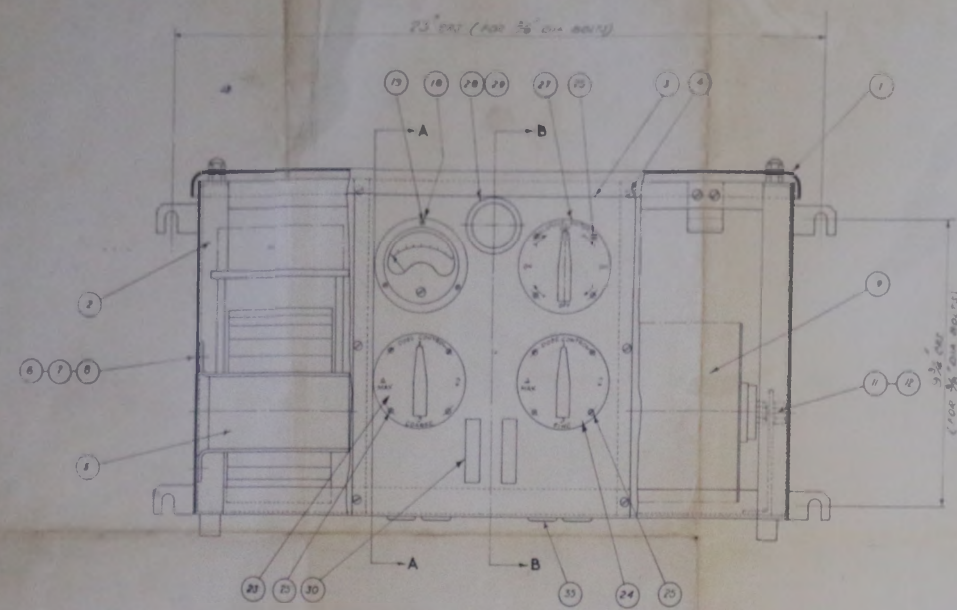
ASSEMBLY OF CLOROCEL STERILISER UNIT.  
TYPE - S.M/30.

NO.	DESCRIPTION	QTY.	REMARKS
A	...	...	...
B	...	...	...
C	...	...	...
D	...	...	...

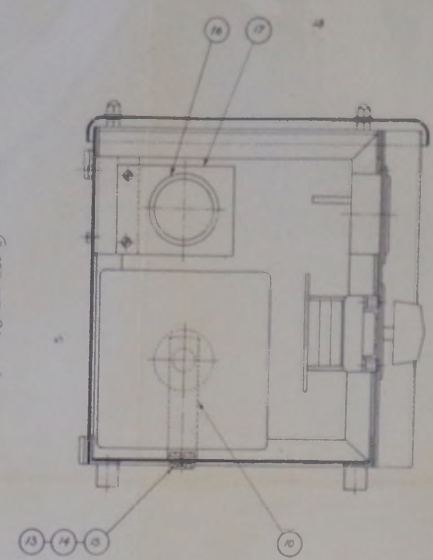
54.1

THE PATERSON ENGINEERING CO., LTD.  
WINDSOR HOUSE, KINGSWAY, LONDON, W.C.2.  
DRAWN BY F. S. GILL, S.P. 66192.  
DATE 25.9.1955. No. 572.

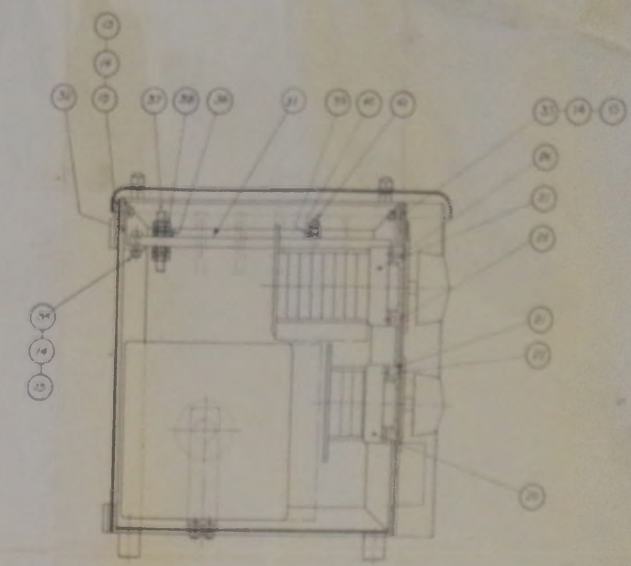




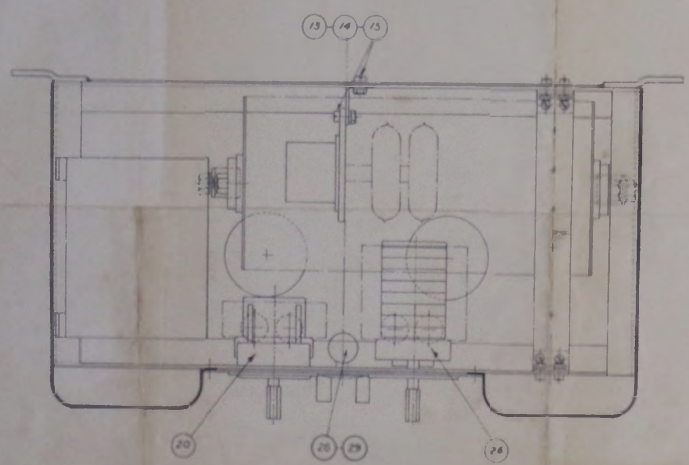
FRONT VIEW WITH COVERS REMOVED



SECTION A. A.



SECTION B. B.



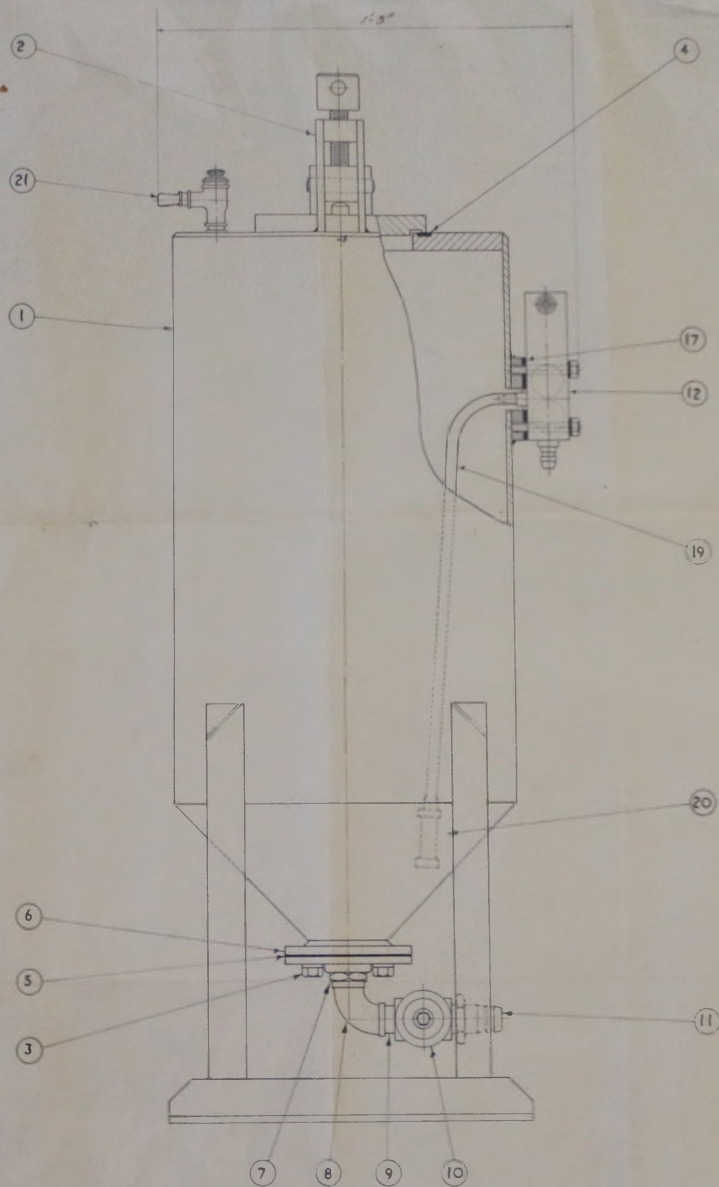
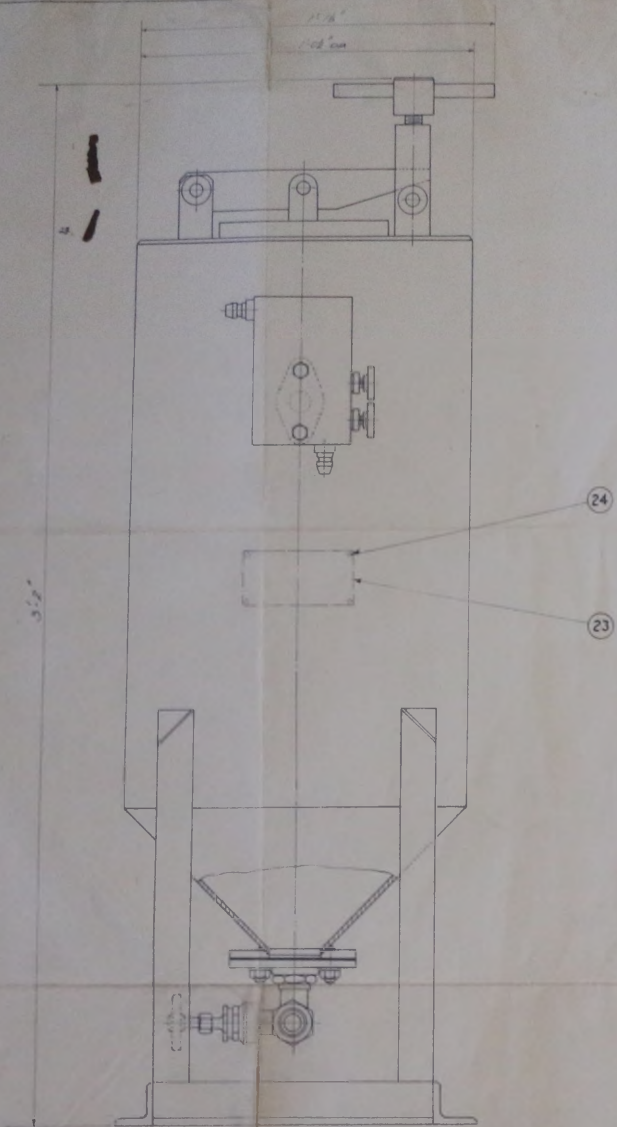
SECTIONAL PLAN

ASSEMBLY OF CLOROCEL RECTIFIER UNIT TYPE S.M./30.  
TROPICAL 45°C AMBIENT.

55.1

PHYSICAL ENGINEERING CO. LTD.  
 10, BROADWAY, LONDON, W.C.2.  
 DRAWING NO. S.M./30  
 1/1950

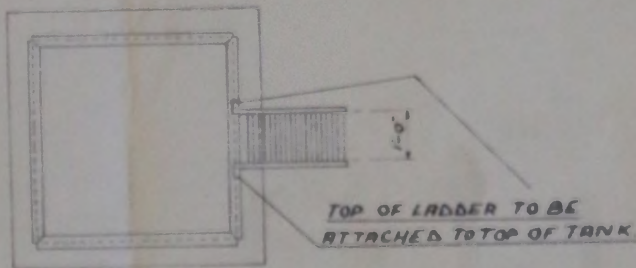
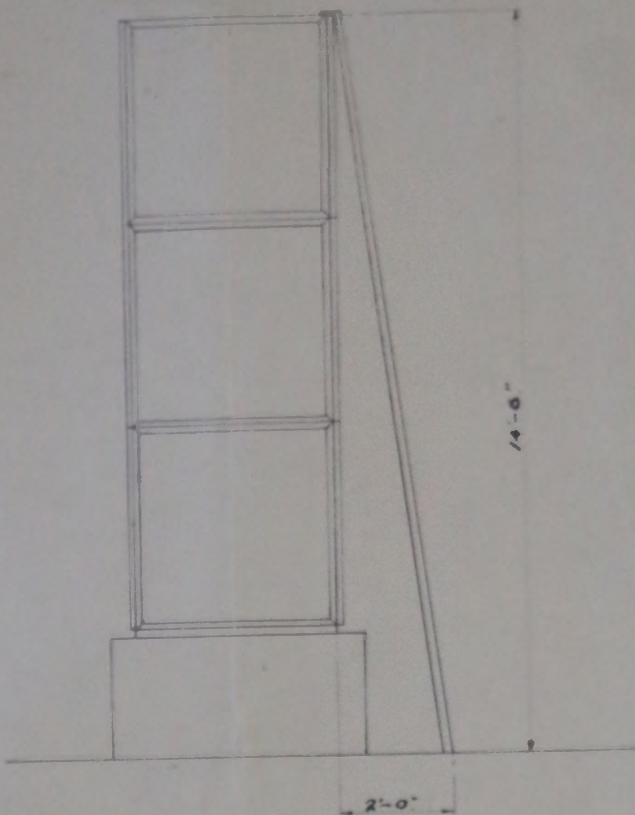




SALT SATURATOR TYPE 2 WITH BRINOMETER ETC.

56.F





M.S LADDER FOR COAGULATING TANK.  
ONE REQUIRED.

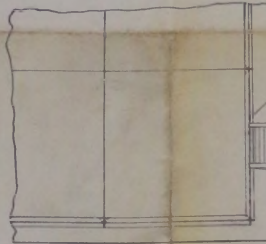
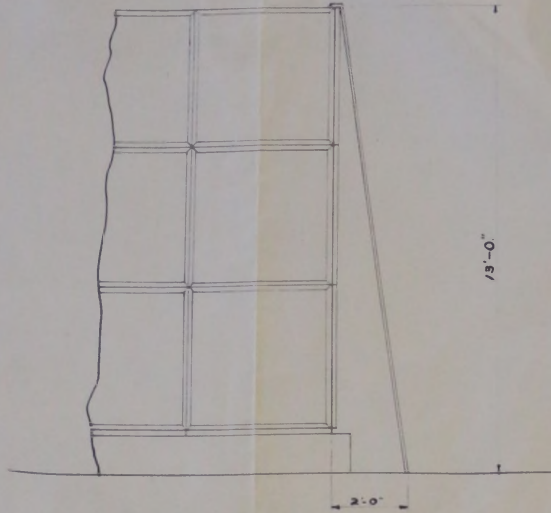
TO BE COATED WITH  
BITUMASTIC SOLUTION

TANK SUPPLIED TO OUR  
ORDER N° 4061/39

57

THE PATERSON ENGINEERING CO. LTD. WINDSOR HOUSE - RINGSDAY - LONDON		INITIALS
SCALE 1/2" = 1'0"	DRG. NO. 93013	
DATE 21-12-55	REF. NO. 4061	





LADDER TO BE LEFT LOOSE  
BUT TO BE SUITABLE FOR  
HOOKING OVER TOP OF TANK.

M.S. LADDER FOR SEDIMENTATION TANK

ONE REQUIRED

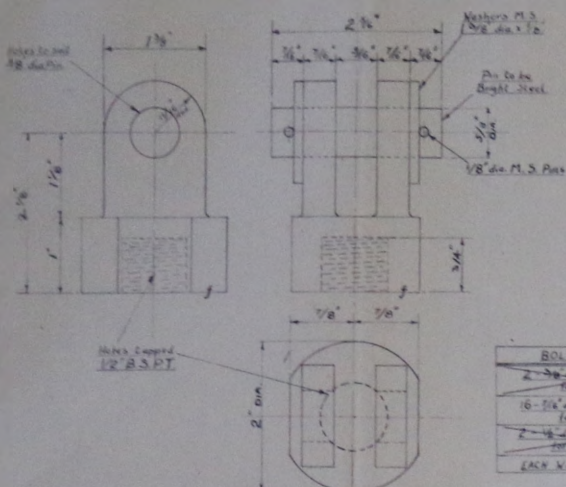
TO BE COATED WITH  
BITUMASTIC SOLUTION

TANK SUPPLIED TO OUR  
ORDER N<sup>o</sup> 4061/5.

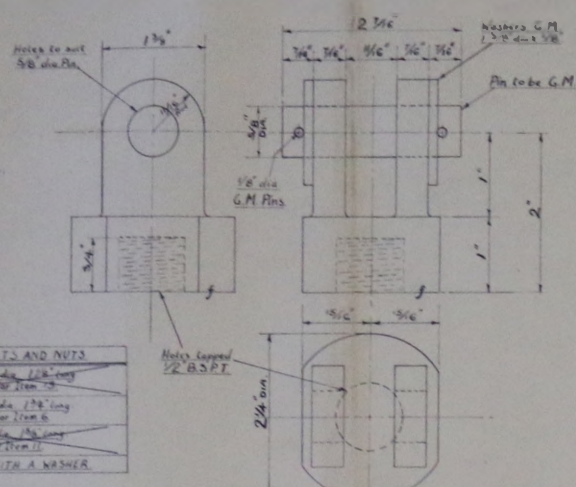
58.F

THE PATERSON ENGINEERING CO. LTD.		DATE
WINDSOR HOUSE - BINGLEY - LONDON		22-12-55
SCALE $\frac{1}{2}$ " = 1ft	DWG. No. 93022	REF. No. 4061

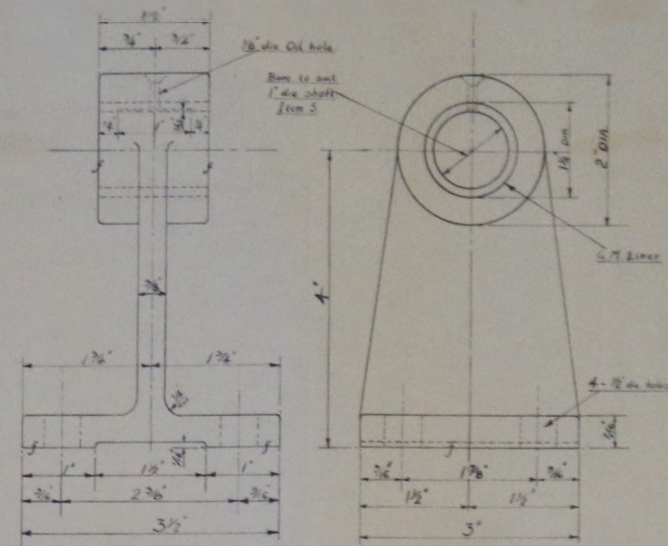




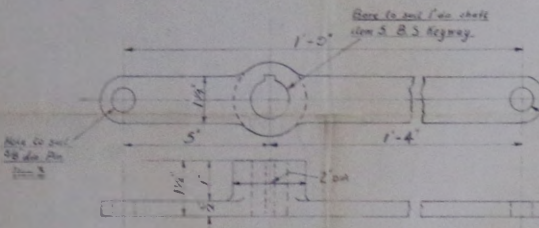
G.M. CONNECTOR AND PIN  
6-Off This ITEM 5



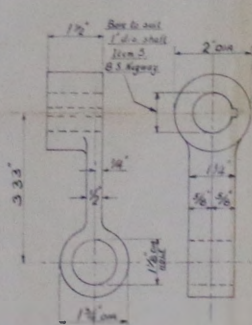
G.M. CONNECTOR AND PIN  
Two Off This ITEM 1



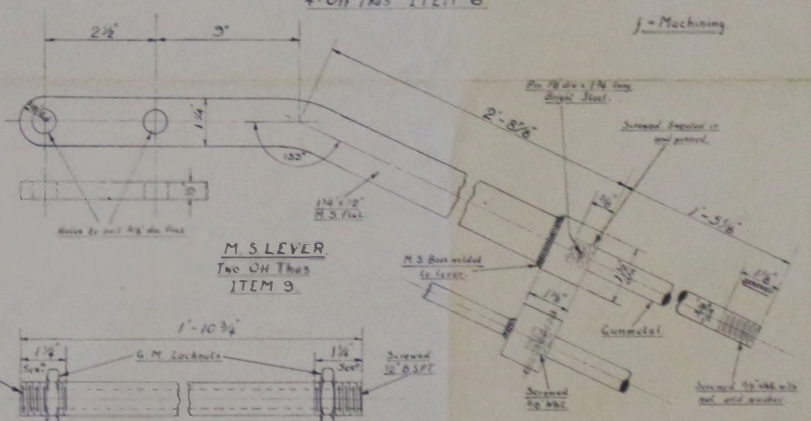
C.I. BRACKET WITH G.M. LINER  
4-Off This ITEM 6



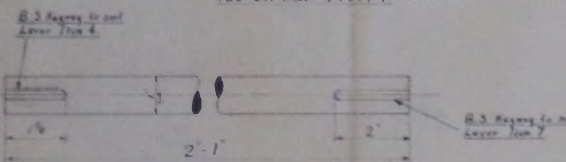
M.S. LEVER  
Two Off This ITEM 4



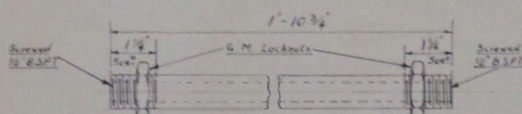
M.S. LEVER  
Two Off This ITEM 7



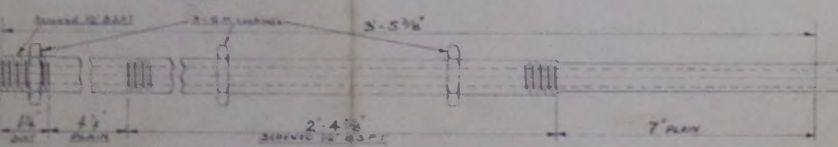
M.S. LEVER  
Two Off This ITEM 9



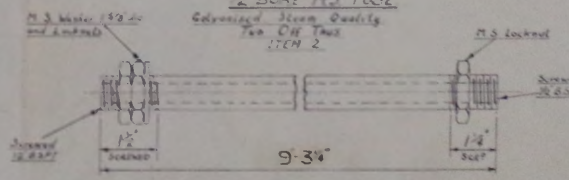
M.S. SHAFT  
See Off This ITEM 5



1/2 BORE M.S. TUBE  
Galvanized Steel Quality  
Two Off This ITEM 2



1/2 BORE M.S. TUBE  
Galvanized Steel Quality  
Two Off This ITEM 12



1/2 BORE M.S. TUBE  
Steel Quality, Two Off This ITEM 8

**FILTER OUTLET CONTROL GEAR.**

Item Nos are given for erection purposes. See drawing No 53700. Arrangement of fixtures for assembly.

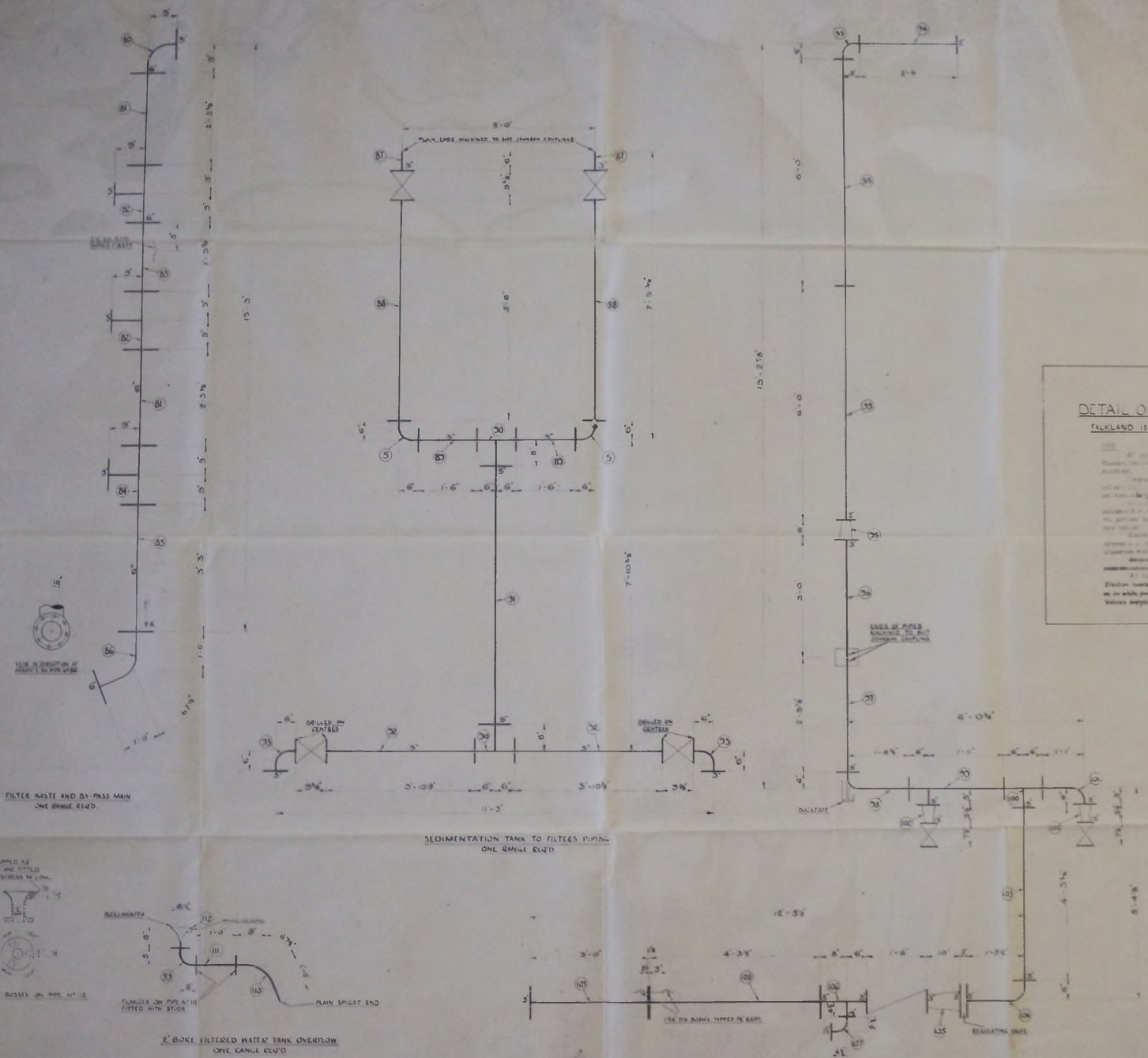
THE PATENT ENGINEERING CO LTD  
WINDSOR HOUSE - SUNWAY - LONDON

DEAL NOT TO BE MADE - 22835

DATE 18-8-55 REF No 406/FL

59





**DETAIL OF CI PIPING**  
**FALKLAND ISLANDS WATER SUPPLY**

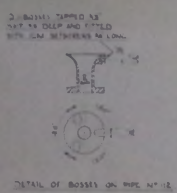
1. All pipes to be made from Standard Specification No. 100 Cast Iron Pipe.

2. Pipes to be 12" diameter and 10' long. All pipes to be 10' long. All pipes to be 10' long.

3. All pipes to be 10' long. All pipes to be 10' long.

4. All pipes to be 10' long. All pipes to be 10' long.

5. All pipes to be 10' long. All pipes to be 10' long.



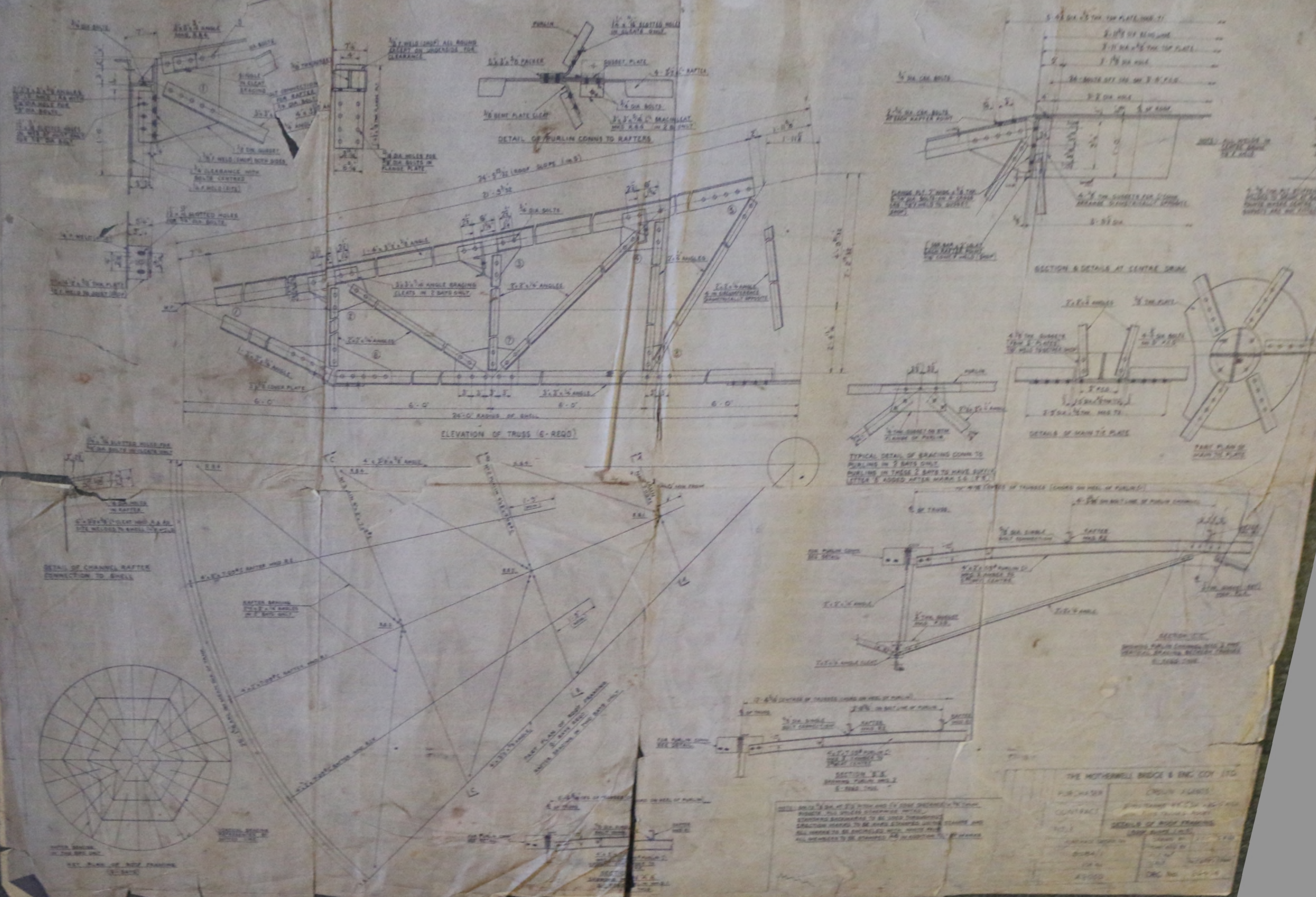
FILTER WASTE AND BY-PASS MAIN ONE RANGE REQ'D.

SEDIMENTATION TANK TO FILTERS PIPING ONE RANGE REQ'D.

2' BORE FILTERED WATER TANK OVERFLOW ONE RANGE REQ'D.

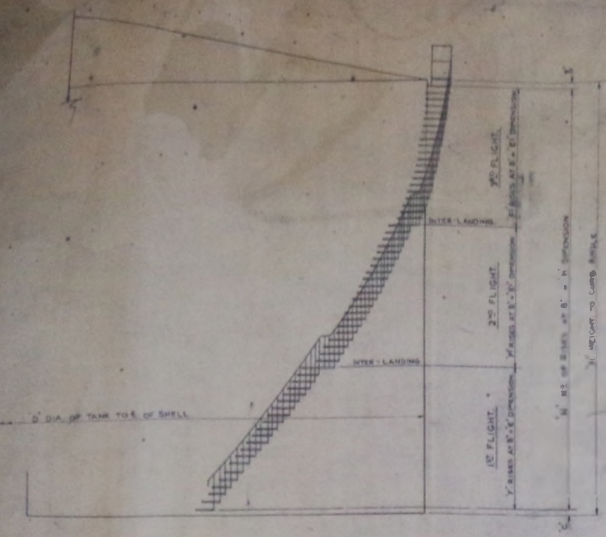
HIGH LIFT PUMP DELIVERY MAINS ONE RANGE REQ'D.



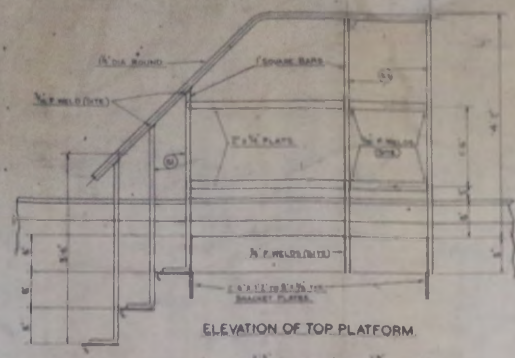


THE MOTHERWELL BRIDGE & INC. COY. LTD.  
 CONTRACT NO. 100-100-100-100  
 SHEET NO. 100-100-100-100  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 APPROVED BY: [Name]

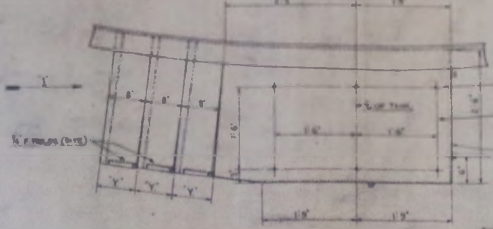




ELEVATION SHOWING LEFT HAND STAIRWAY



ELEVATION OF TOP PLATFORM



PLAN ON TOP PLATFORM

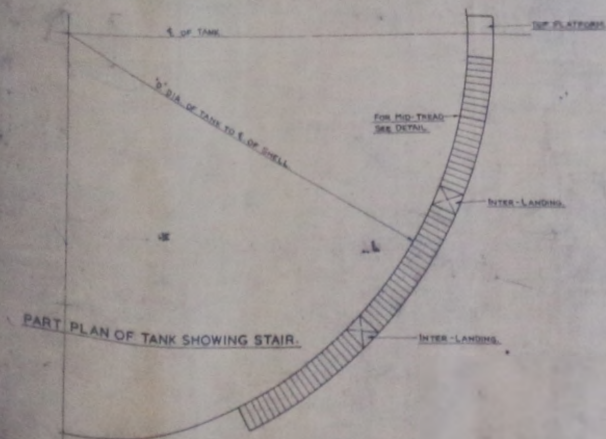


VIEW ON I

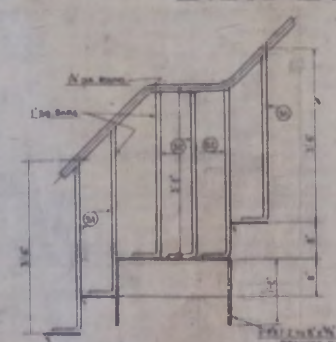


SECTION X-X

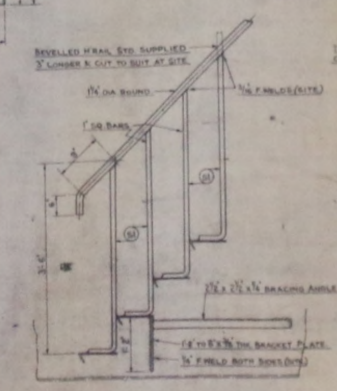
NO.	QTY	UNIT	DESCRIPTION
1	1	EA	...
2	1	EA	...
3	1	EA	...
4	1	EA	...
5	1	EA	...
6	1	EA	...
7	1	EA	...
8	1	EA	...
9	1	EA	...
10	1	EA	...
11	1	EA	...
12	1	EA	...
13	1	EA	...
14	1	EA	...
15	1	EA	...
16	1	EA	...
17	1	EA	...
18	1	EA	...
19	1	EA	...
20	1	EA	...
21	1	EA	...
22	1	EA	...
23	1	EA	...
24	1	EA	...
25	1	EA	...
26	1	EA	...
27	1	EA	...
28	1	EA	...
29	1	EA	...
30	1	EA	...
31	1	EA	...
32	1	EA	...
33	1	EA	...
34	1	EA	...
35	1	EA	...
36	1	EA	...
37	1	EA	...
38	1	EA	...
39	1	EA	...
40	1	EA	...
41	1	EA	...
42	1	EA	...
43	1	EA	...
44	1	EA	...
45	1	EA	...
46	1	EA	...
47	1	EA	...
48	1	EA	...
49	1	EA	...
50	1	EA	...



PART PLAN OF TANK SHOWING STAIR



ELEVATION OF INTER-PLATFORM



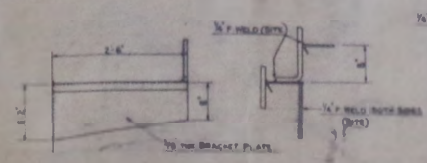
DETAIL AT BASE OF STAIR



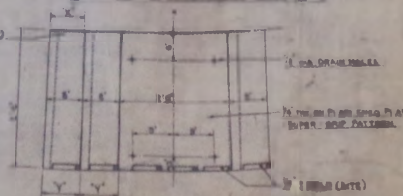
DETAIL OF STAIR TREADS FOR IN-PLUG SEE TABLE



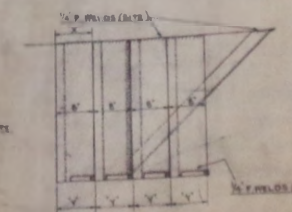
DETAIL OF JOINT BY HAND



DETAIL OF TREADS MIDWAY BETWEEN LANDINGS



PLAN ON INTER-PLATFORM



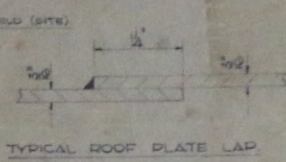
PLAN AT BASE OF STAIR

NOTE: N DIA. BOUND MATERIAL SUPPLIED IN RANDOM LENGTHS AND SET IN SHOP TO SUIT RADIUS OF TANK. PLATFORM PLATE TO BE MARKED WITH TANK DIA.

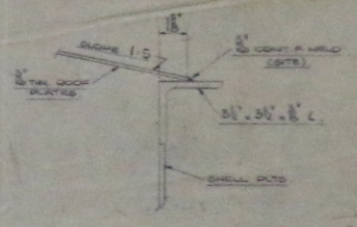
THE MOTHERWELL BRIDGE & ENG. COY. LTD.	
BUYER'S ORDER NO.	...
CONTRACT NO.	...
TITLE	DETAILS OF SPIRAL STAIR
DATE	...
BY	...
CHECKED BY	...
APPROVED BY	...

43030 26471





KEY PLAN OF ROOF PLATES



DETAIL OF CONNECTION AT CUBIC ANGLE

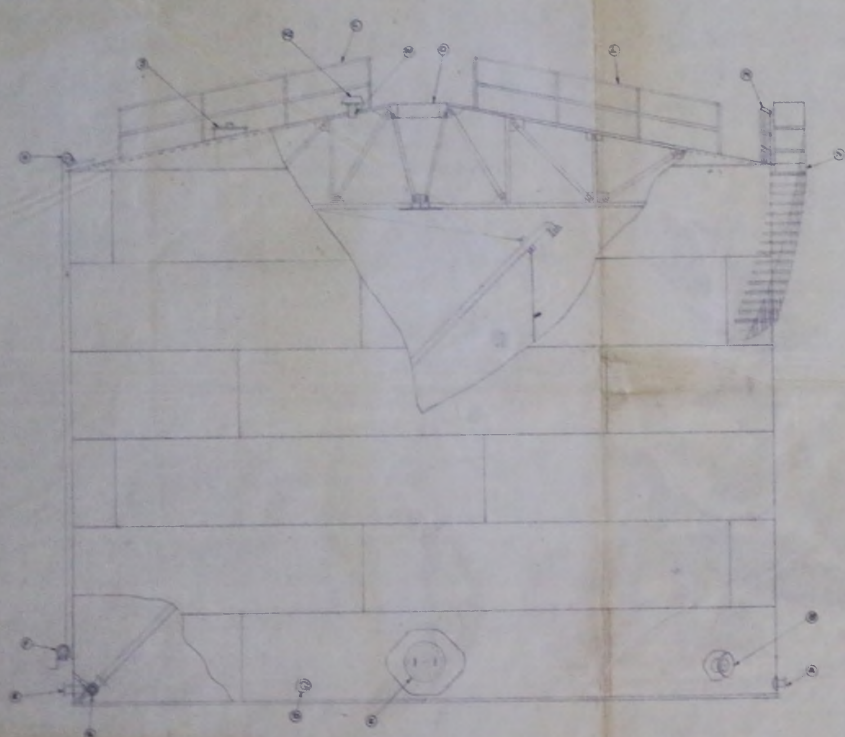
PLATES MKD 2, 5 & 7A TO BE DISPATCHED IDENTICAL WITH PLATES MKD 3, 1 & 7 RESPECTIVELY AND CUT TO REQUIRED SHAPE AT SITE.

THE MOTHERWELL BRIDGE & ENG COY. LTD.			
PURCHASER	CROWN AGENTS		
CONTRACT	2 MS TANKS 48' 0" DIA x 30' 0" HIGH WITH FIXED TRUSSED ROOFS		
TITLE	DETAIL OF ROOF SHEETS		
PURCHASER ORDER NO.	508671		
JOB NO.	DRAWING NO.	DRAWN BY	ABC 30/8/62
A2050	26475	CHECKED BY	
		FILE NO.	
		SCALE	1/2" = 1'-0"
		REVISIONS	

REVISION	
DATE	
ALTERED BY	
CHECKED BY	

THIS DRAWING IS CONFIDENTIAL AND IS THE PROPERTY OF THE MOTHERWELL BRIDGE & ENG CO. LTD. IT MUST NOT BE COPIED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE WRITTEN CONSENT OF THE COMPANY.





Part No.	DESCRIPTION	QTY	REF. NO.
A	4" DIA DRUM OPF AAC SUMP	1	AP02/1
B	12" DIA SHELL NOZZLE	1	AP02/1
C	24" DIA SHELL NOZZLE	1	AP02/1
D	6" DIA SHELL NOZZLE	1	AP02/1
E	6" DIA. DOUBLE FLANGED STEEL	1	26473
F	2500" STANCHION CUT BEAR TYPE W/SH	1	26473
G	SLUNG JOINT	1	26473
H	TOP SHEAVE ASSEMBLY	1	26473
I	24" DIA ROOF NOZZLE	1	AP02/1
J	6" DIA ROOF NOZZLE	1	AP02/1
KE	COMBINED SIP & VENT	1	26474
L	HANDRAILING ACCESS ROP	1	26474
M	HANDRAILING BRIDGE ROP	1	26474
N	SPIRAL STAIRWAY	1	26474
O	FIXED TRUSSED ROOF	1	26474

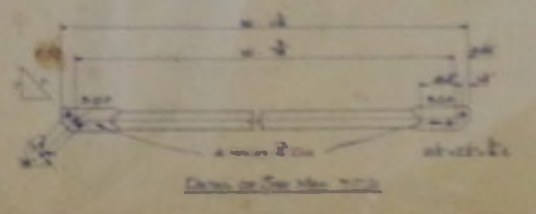
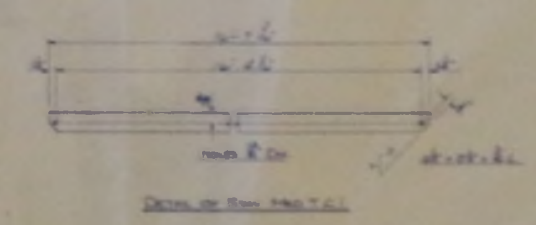
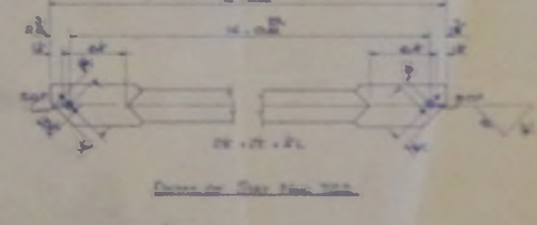
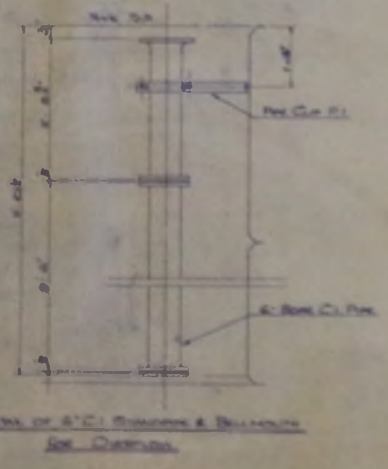
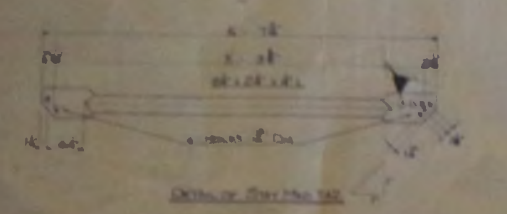
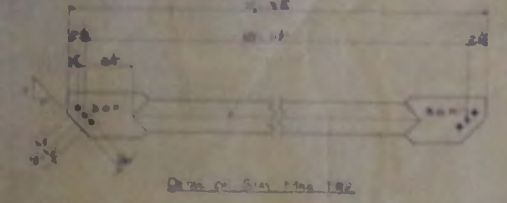
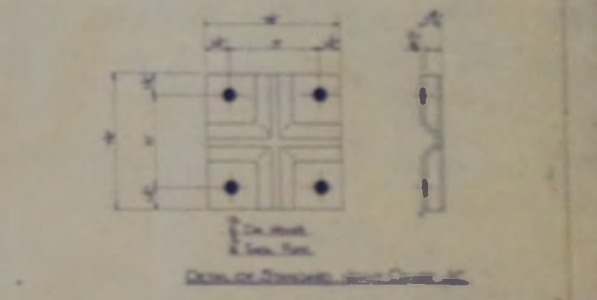
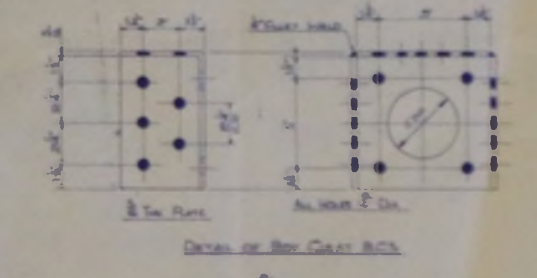
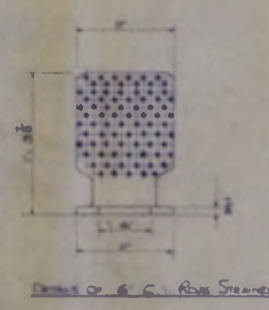
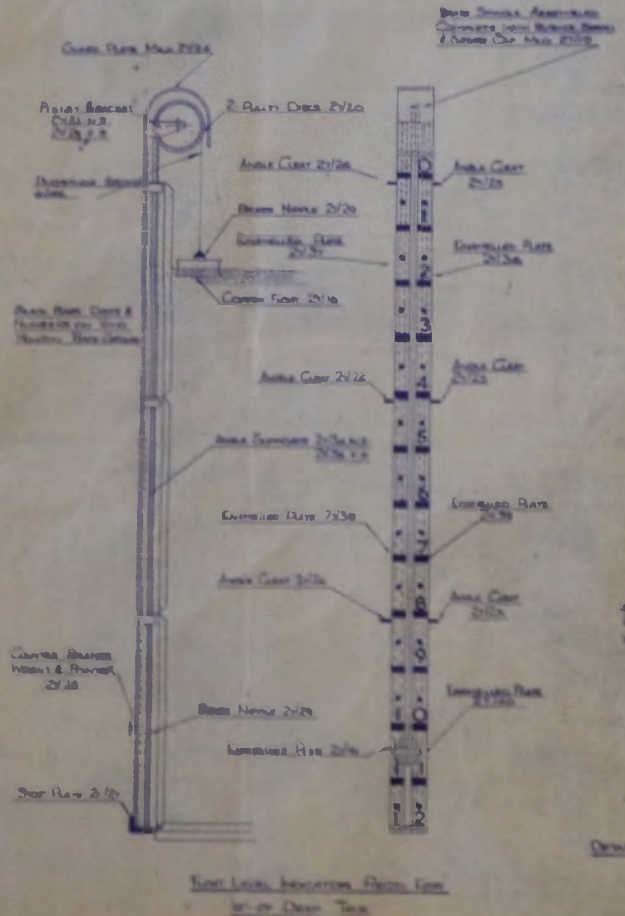
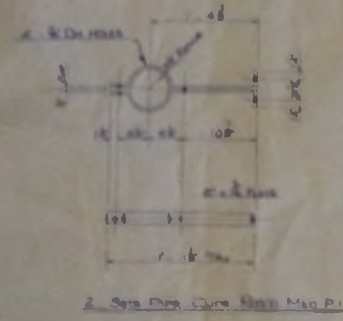
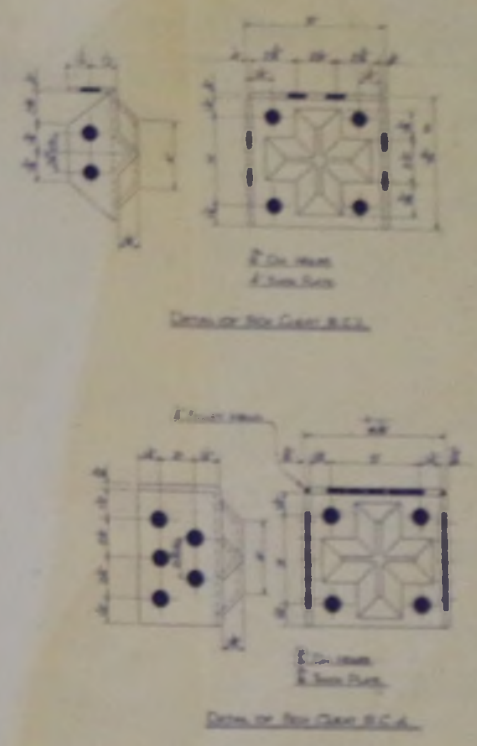
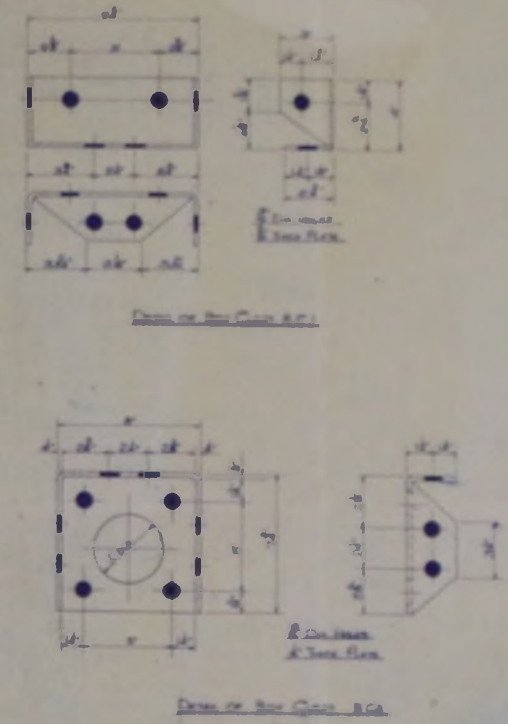
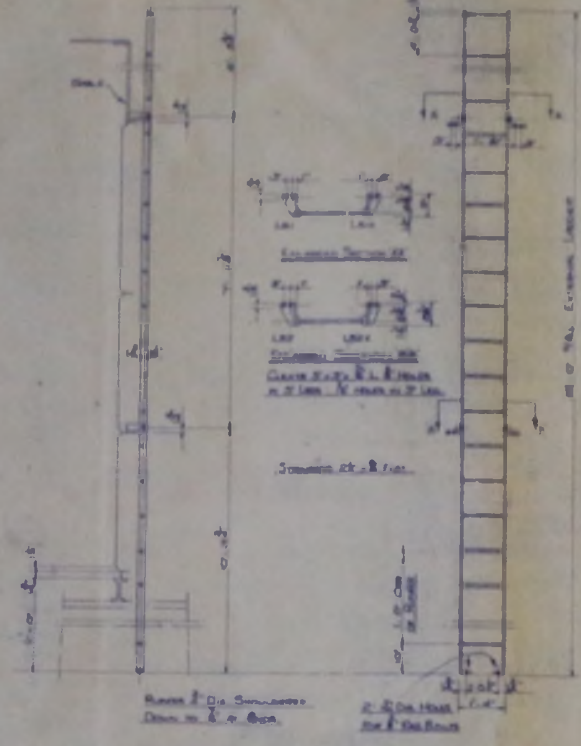
NOTE: ORIENTATION OF TANK FITTINGS TO BE DETERMINED BY THE PURCHASER.  
 WEIGHT OF TANK EMPTY = 45 TONS (APPROX)  
 WEIGHT OF TANK FULL (WATER) = 817 TONS (APPROX)

THE MOTHERWELL BRIDGE & ENG. COY. LTD	
PURCHASER	CROWN AGENTS
CONTRACT	2 MG TANKS 48'-0" DIA x 36'-0" HIGH WITH FIXED TRUSSED ROOFS
TITLE	GENERAL ARRANGEMENT OF TANK
REFERENCE DRAWING NO.	

JOB NO. A2060	DRAWING NO. 26494	DATE	20 SEP 62
		CHECKED BY	
		SCALE	1/4" = 1'-0"
		SHEET NO.	

THIS DRAWING IS CONFIDENTIAL AND IS THE PROPERTY OF THE MOTHERWELL BRIDGE & ENG. COY. LTD. IT IS NOT TO BE LOANED, REPRODUCED, COPIED, OR IN ANY MANNER DISCLOSED TO ANY THIRD PARTY WITHOUT THE WRITTEN CONSENT OF THE COMPANY.

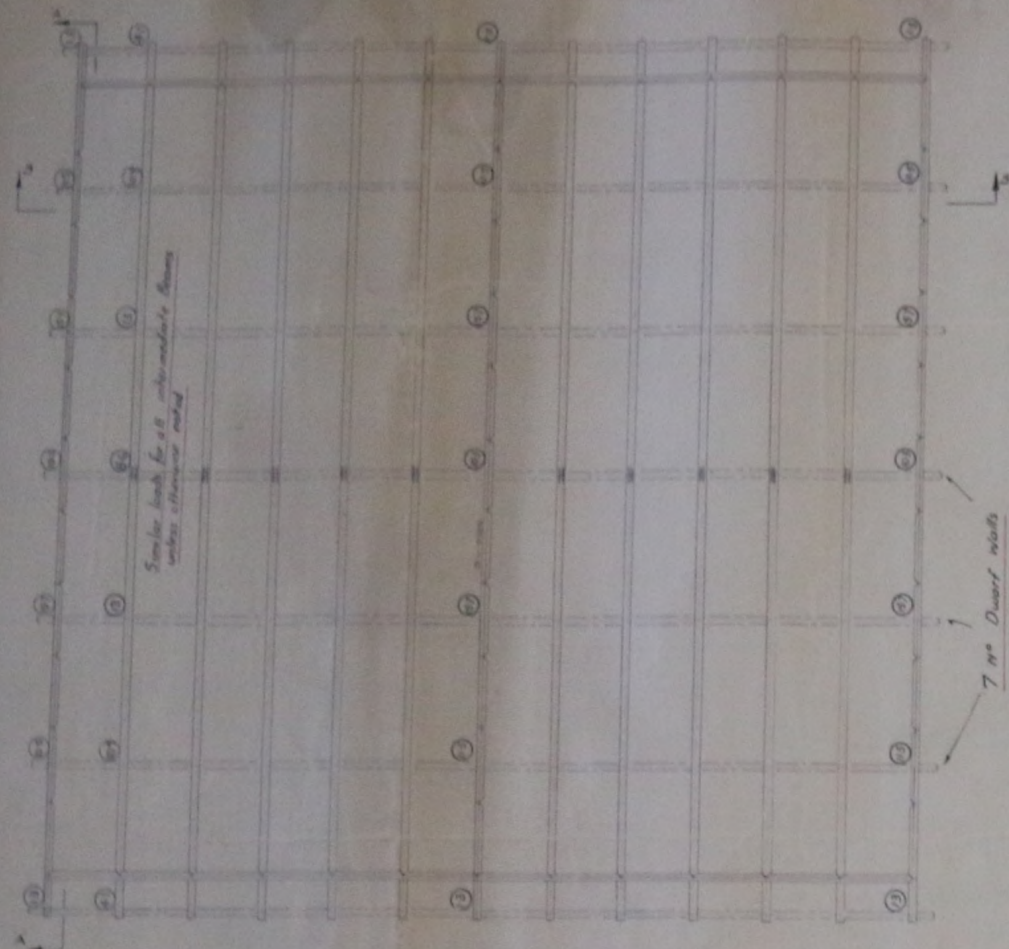




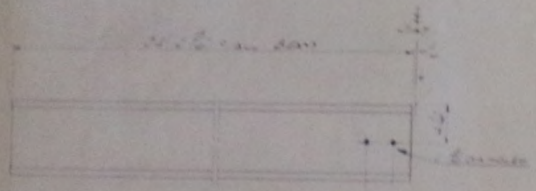
Notes: 1. All dimensions are in feet and inches. 2. All materials are to be of the best quality obtainable. 3. All work is to be done in accordance with the specifications of the Department of the Interior, Bureau of Reclamation, and the Department of the Army, Corps of Engineers.

REQUISITION NO	6234/1
PROJECT NO	210/62
DRAWING NO	EC3/14701/2
INSPECTOR'S SIGNATURE	
DATE	

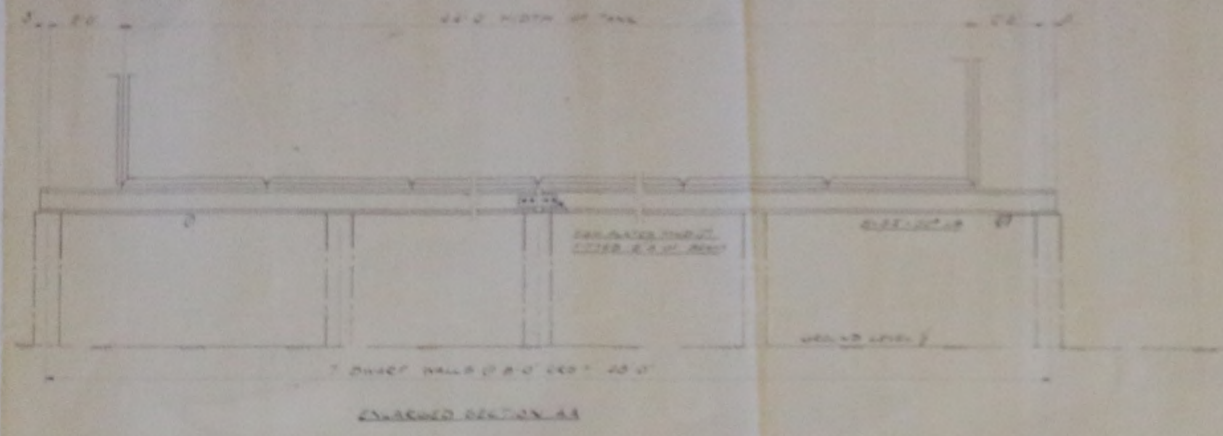
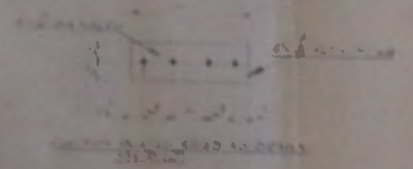




PLAN OF TANK SUPPORTS  
 (SEE LIST OF MATERIALS ON DRAWING)  
 Roof loads on Dwarf Walls shown thus  $\bigcirc$  on form



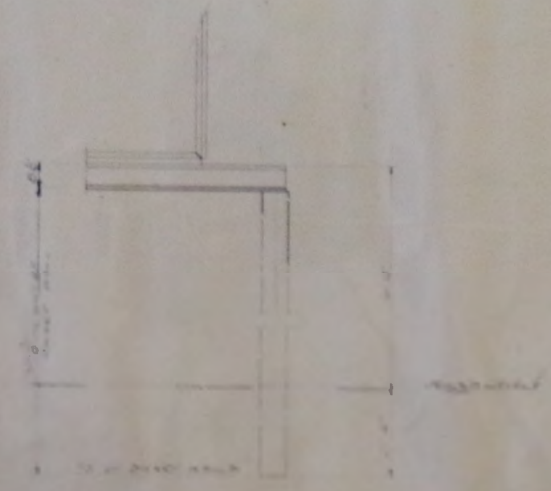
GENERAL NOTES  
 ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED TO BE IN METERS



ELEVATION SECTION AA



ELEVATION SECTION BB



DETAIL OF CORNER JOINT

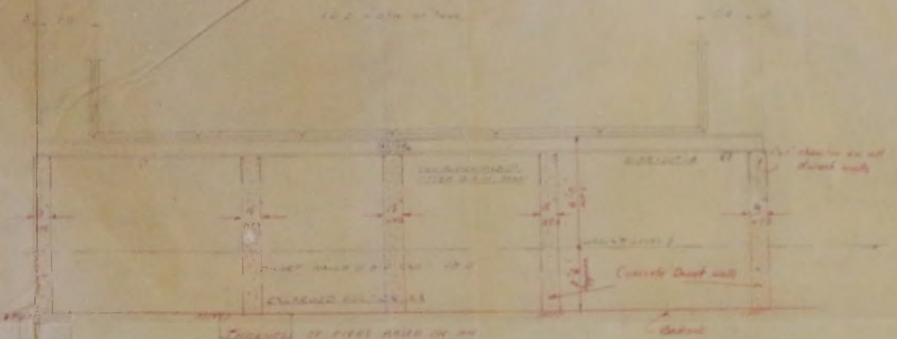
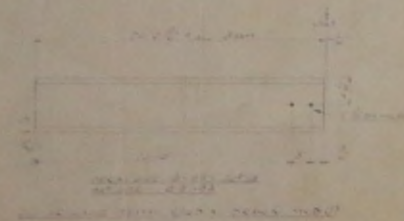
GENERAL NOTES  
 ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED TO BE IN METERS

REQUISITION NO	92347
INDENT NO	210/62
DRAWING NO	EC3/14740/1/4
INSPECTOR'S SIGNATURE	
DATE	





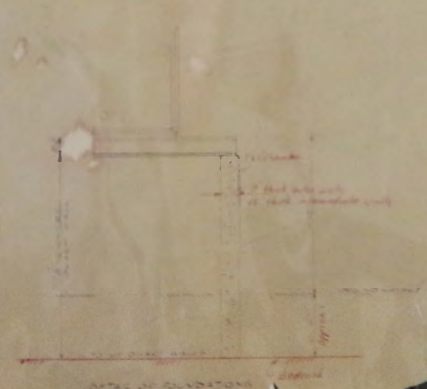
PLAN OF TANK SUPPORTS  
 1/2" = 1'-0" (VERTICAL SCALE)  
 1/4" = 1'-0" (HORIZONTAL SCALE)



CONCRETE BEAM TO BE CAST IN AN  
 INVERTED TEE SECTION TO SUPPORT THE  
 WEIGHT OF THE TANK AND TO  
 BE CAST IN PLACE



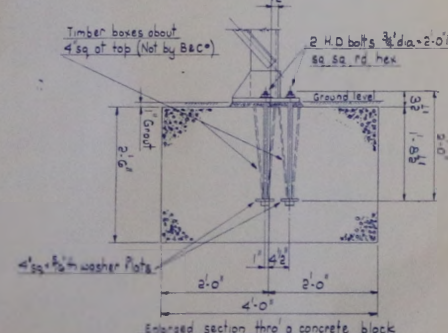
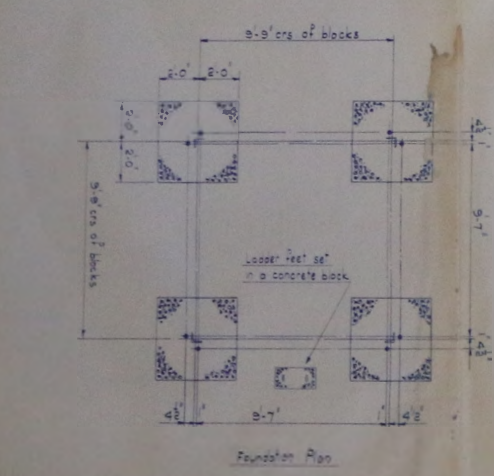
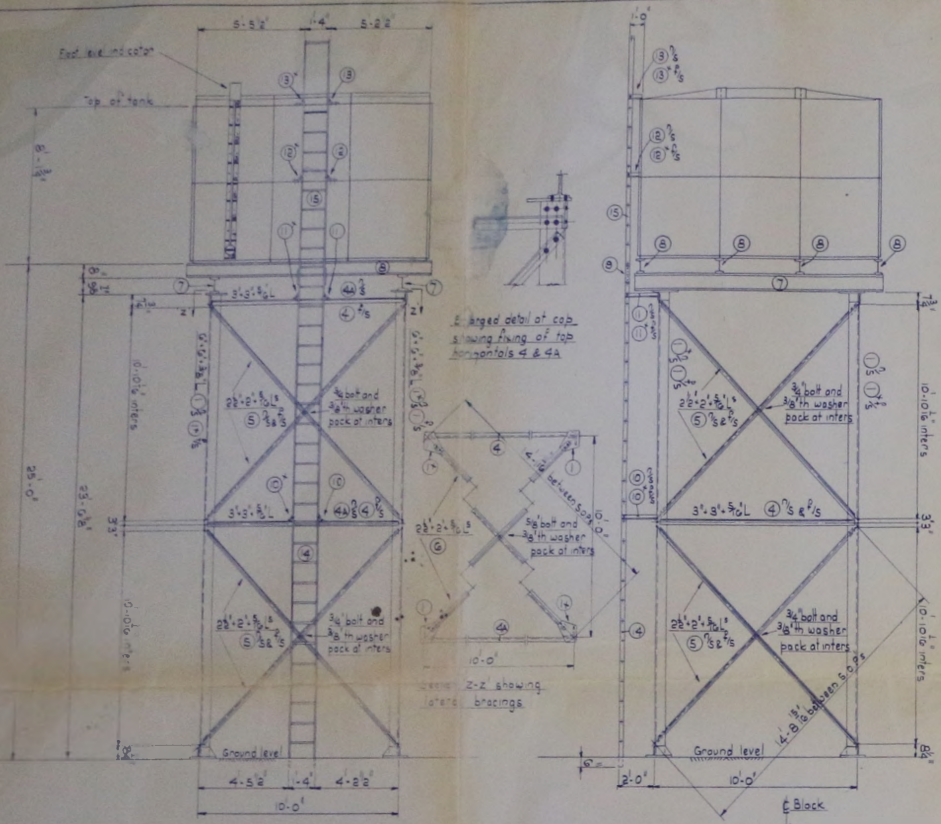
CONCRETE BEAM TO BE CAST IN AN  
 INVERTED TEE SECTION TO SUPPORT THE  
 WEIGHT OF THE TANK AND TO  
 BE CAST IN PLACE



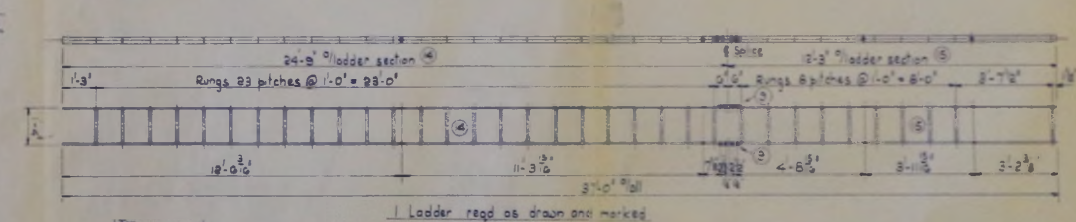
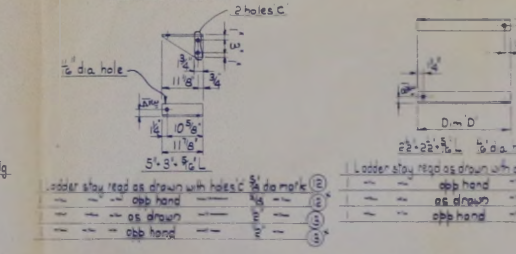
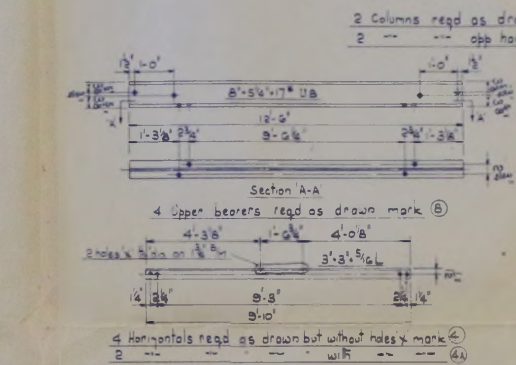
CONCRETE BEAM TO BE CAST IN AN  
 INVERTED TEE SECTION TO SUPPORT THE  
 WEIGHT OF THE TANK AND TO  
 BE CAST IN PLACE

REQUISITION NO 92341
INDENT NO 210/62
DRAWING NO EC3/14740/1A
INSPECTOR'S SIGNATURE
DATE





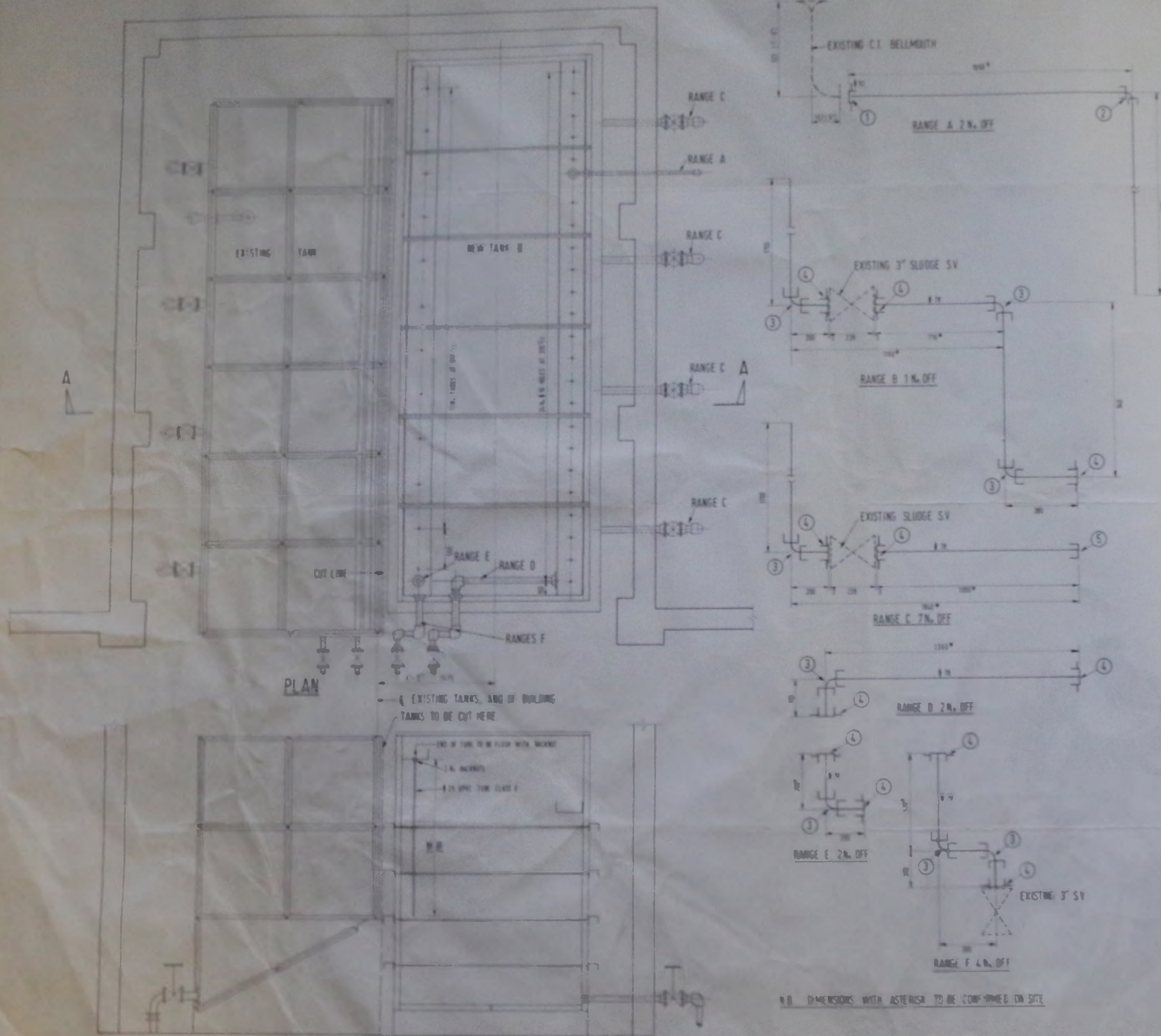
**NOTE:**  
Concrete blocks 4'-0" x 4'-0" x 2'-0" deep. Sides of blocks are a minimum and give a ground pressure of 34 tons/sq. ft. Blocks to be increased in size if found that the local soil will not stand this pressure.  
Set out timber boxes and holding down bolts in their connect positions and mould concrete around. Remove boxes when concrete has set sufficiently and before any erection has commenced. Bases and bolts to be grouted in after tower has been finally squared and levelled.



**NOTE:**  
Ladder stringers 2 1/2" x 3/4" flat. Rungs 3/4" dia turned down to 3/8" at ends and riveted over holes in stringers for stays and splices to be 7/8" dia.  
2 Ladder splice plates reqd as drawn mark ③

BRAITHWAITE & CO. STRUCTURAL LIMITED, NEWPORT.		CONTRACT NO. 1000	
Drawn	W. J. B. (1)	Checked	W. J. B. (1)
Scale	1/4" = 1'-0"	Drawn	W. J. B. (1)
Material	See Bill of Materials	Checked	W. J. B. (1)
Notes	See Notes	Drawn	W. J. B. (1)
Contract	See Contract	Checked	W. J. B. (1)
Project	See Project	Drawn	W. J. B. (1)
Client	See Client	Checked	W. J. B. (1)
Site	See Site	Drawn	W. J. B. (1)
Contractor	See Contractor	Checked	W. J. B. (1)
Contract No.	1000	Drawn	W. J. B. (1)
Drawing No.	1000	Checked	W. J. B. (1)



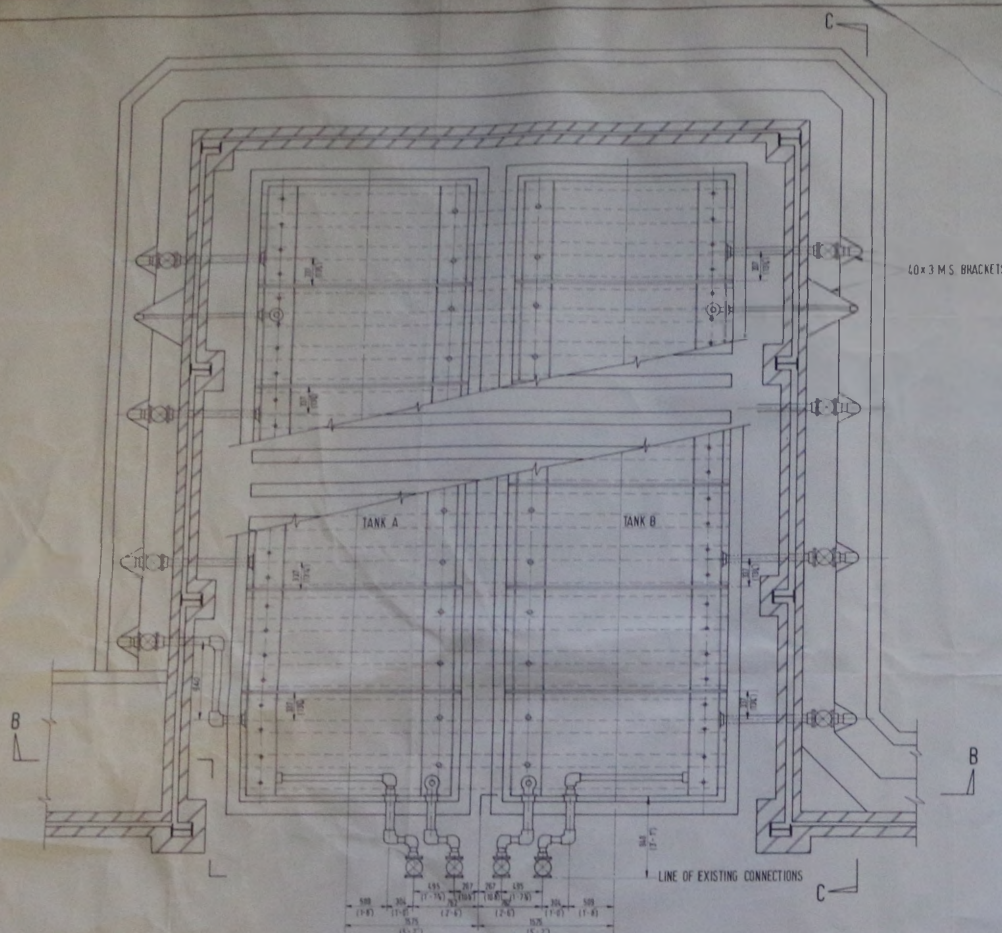


PIPE - FITTINGS SCHEDULE									
Mx No	R/B	A	B	C	D	E	F	TOTAL	DESCRIPTION
1	52	1	-	-	-	-	-	2	Stub Flange - backing plate
2	52	1	-	-	-	-	-	2	90° Elbow
3	76	-	3	1	1	1	2	22	90° Elbow
4	76	-	3	2	1	2	2	21	Stub Flange - backing plate
5	76	-	1	-	-	-	-	7	F.F. Flange R.S.T. 3
								12300	52 PIPE
								7620	76 PIPE

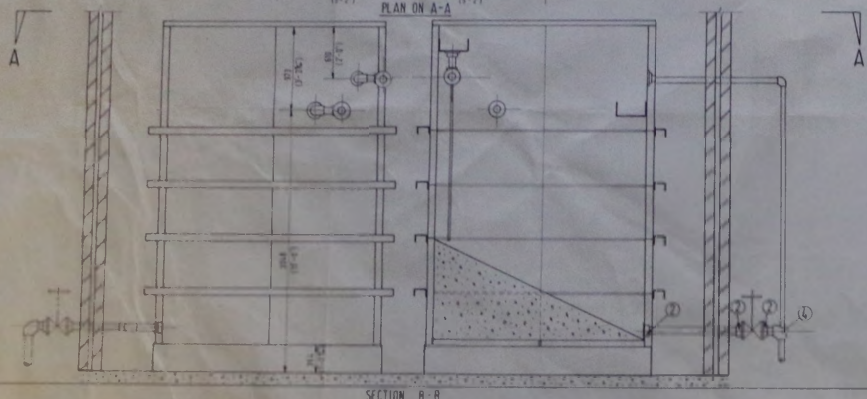
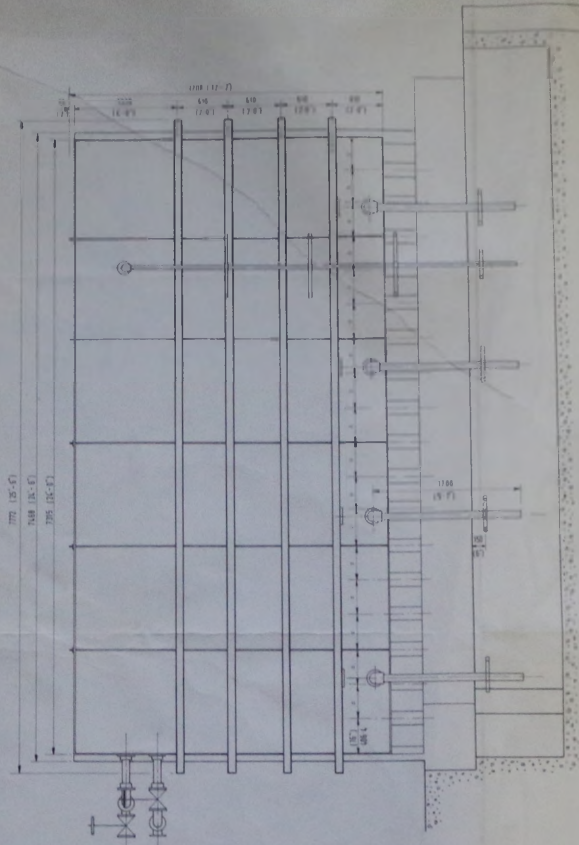
FAKLAND ISLANDS GOVERNMENT  
 PORT STANLEY WATER SUPPLY  
 INSTALLATION OF NEW SEDIMENTATION TANKS - STAGE I

THE CROWN AGENTS  
 NEW ZEALAND GOVERNMENT DEPARTMENT OF CONSTRUCTION  
 PROJECT NO. 1573/1  
 DATE: 1-78  
 SHEET NO. 1573/1





40x3 M.S. BRACKETS



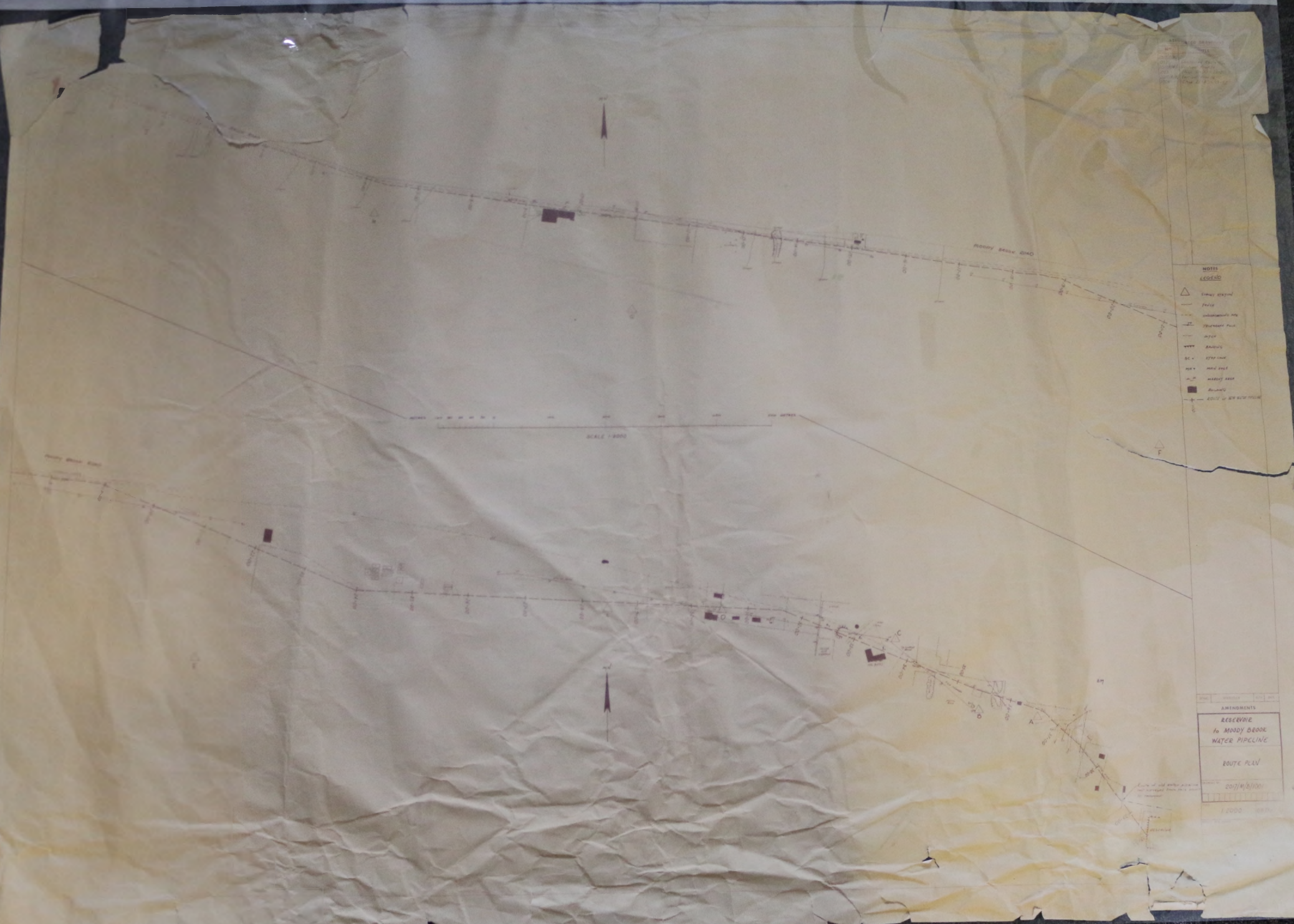
SECTION B-B

FALKLAND ISLANDS GOVERNMENT  
 PORT STANLEY WATER SUPPLY  
 INSTALLATION OF NEW SEDIMENTATION TANKS - STAGE II

THE CROWN AGENTS  
 FOR GEORGIA GOVERNMENT & ADMINISTRATION  
 ENGINEERING ADVISORY SERVICES  
 4 MILLBANK, LONDON SW6 1AG

Drawn by	AA	Approved by	
Checked by		Date	SEPT 78
Scale	1:25		
DRG NO	QV 1673/2		





NOTES  
1. ALL DIMENSIONS ARE IN METERS  
2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED  
3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED

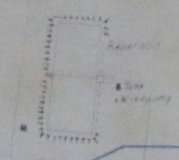
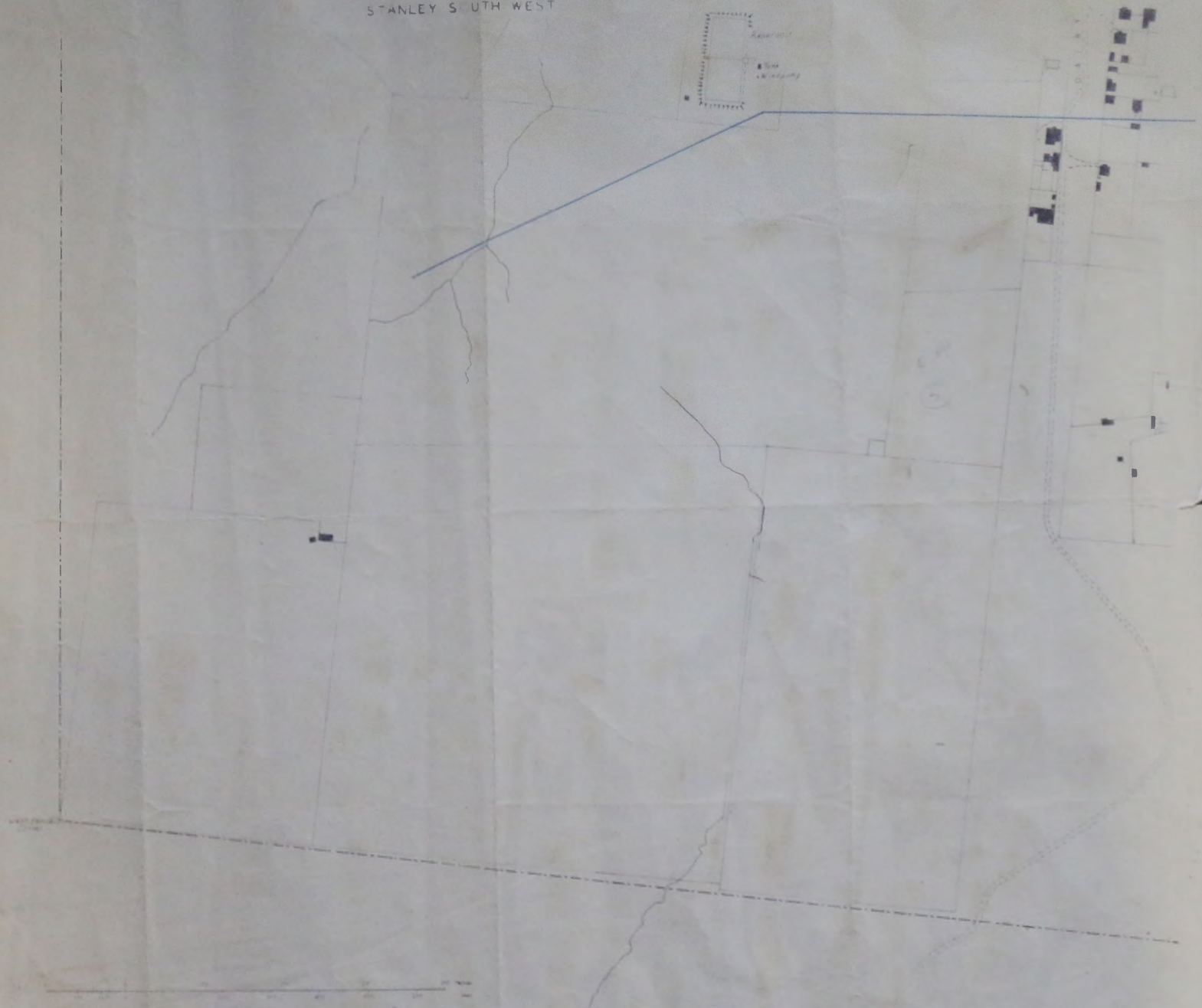
- LEGEND
- △ Energy Storage
  - Pipe
  - Substation
  - Transformer
  - Valve
  - Manhole
  - Stop Valve
  - Main Valve
  - Access Road
  - Road or New Road

SCALE 1:2000

NO.	DESCRIPTION	DATE
1	RESERVE	
2	TO MOODY BROOK	
3	WATER PIPELINE	
4	ROUTE PLAN	
5	2017/M/8/1001	
6	1:2000	



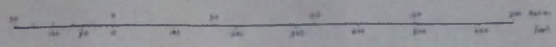
STANLEY S UTH WEST





STANLEY WEST

Scale 1:1250



STANLEY HARBOUR



93

50



1:500 FALKLAND ISLANDS

STANLEY

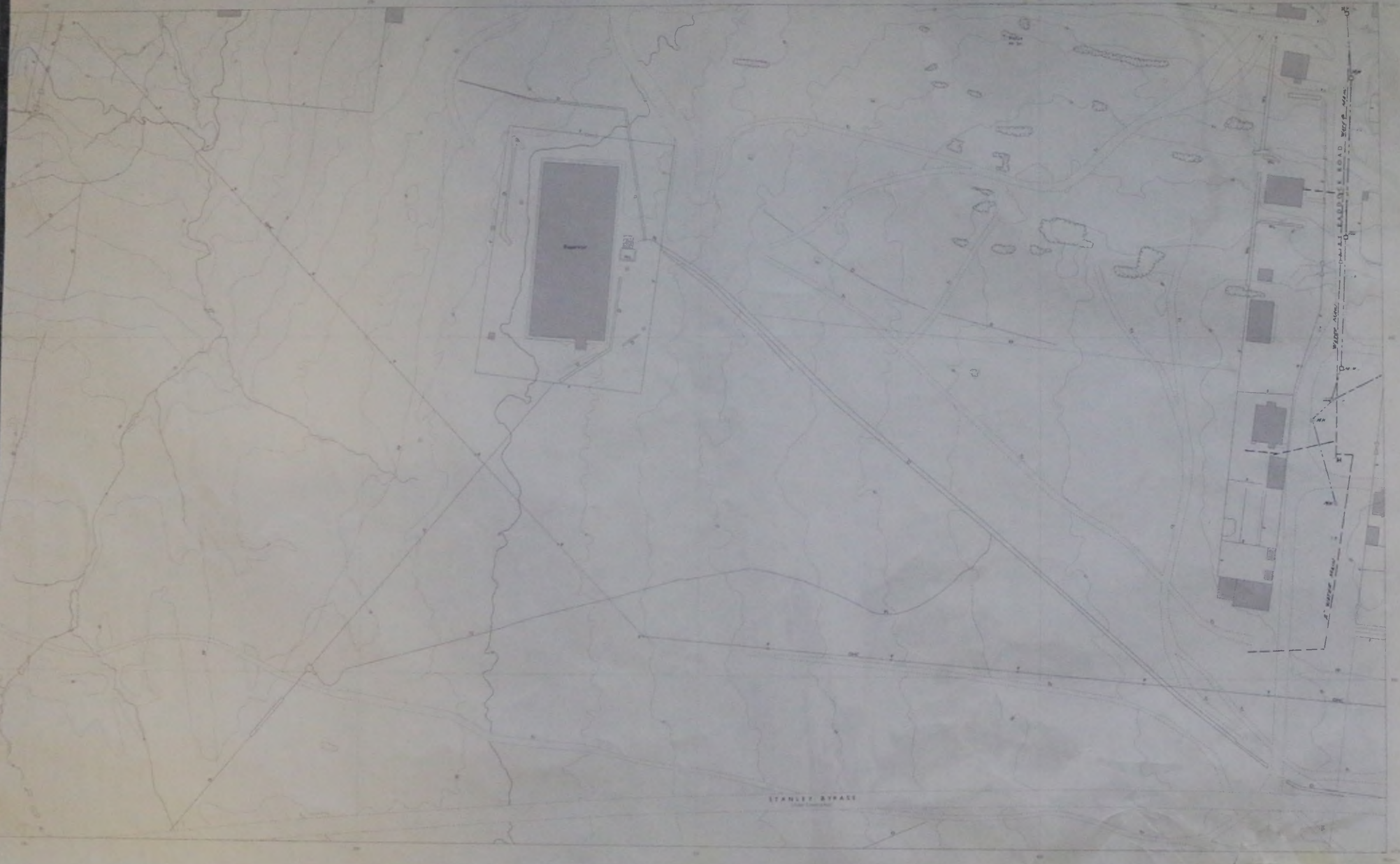




NOT FIELD CHECKED

STANLEY

VC 4072 SW1





# FALKLAND ISLANDS PORT STANLEY

FIRST EDITION

SCALE 1:2,500

STANLEY HARBOUR

THE MURRAY HEIGHTS

Construction Details, Contract No. 4146,  
approved by the Civil Works  
Department

Buildings (some of brick)	■
Water	■
Waste water	■
Sewer	■

SCALE 1:2,500

Drawings prepared under the supervision of the  
Civil Works Department, Royal Engineers, 1943.  
Reproduced in 1982.



# FALKLAND ISLANDS PORT STANLEY

FIRST EDITION

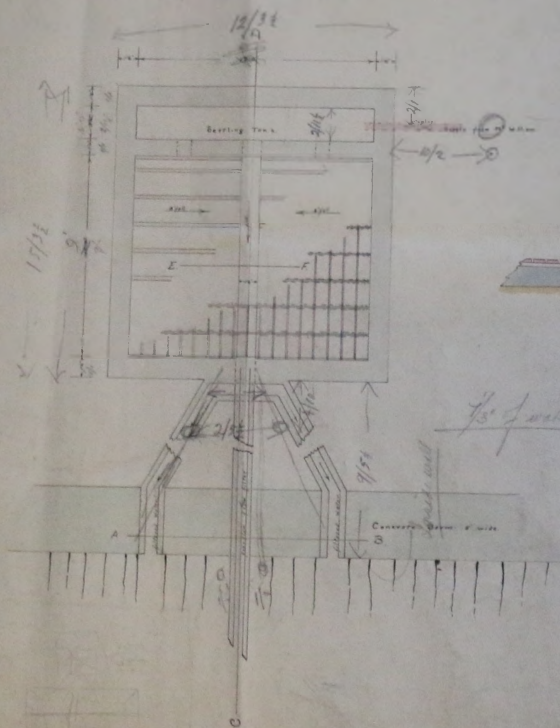
SHEET 2

SCALE 1:25,000

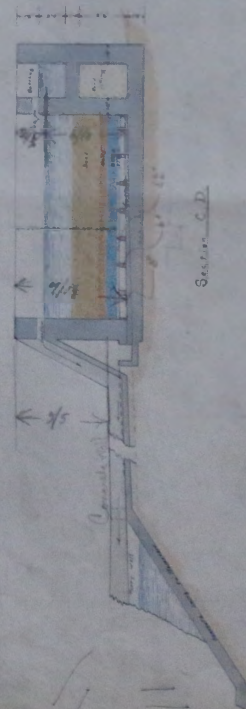




PORT STANLEY.  
 PLAN and SECTIONS of DEPOSITING RESERVOIR  
 and FILTER.



Section E.E.



Section C.D.



Section A.B.

REFERENCE

- Filter bed to be 18 in. - 20 in. deep of filtering material in water.
- Concrete walls to be composed of part cement concrete and part stone.
- Filtering material to be washed and carefully graded prior to placing in filter.
- Concrete gutters to be formed with foundation and floor in situ.
- Concrete slabs raised in place over gutters and low dug with open joints.
- Supply pipe from 12" well to water setting tank, 4 inches diam lead in filter.
- Concrete over all surface to be reinforced with all steel rods.
- All vertical clay from pipe line in vicinity to be banked & sealed round walls.
- Two hardwood side gates to be placed at convenient positions in outside triangle to inspect condition from filter bed to pipe over party wall of reservoir.
- All internal walls to have two coats of thick cement wash prior to water entering.

Note - If it is found that the water passes through the filtering material the quality the work is to be increased in depth and the head of water reduced at one corner of gutter for clarity until the minimum amount of material passes in the water.

E. J. Kishia  
 Consulting Engineer  
 16 July 1925

SCALE 1/4" = 1' - 0"







# S T A N L E Y H A R B O U R



PLAN OF  
PORT STANLEY  
FALKLAND ISLANDS

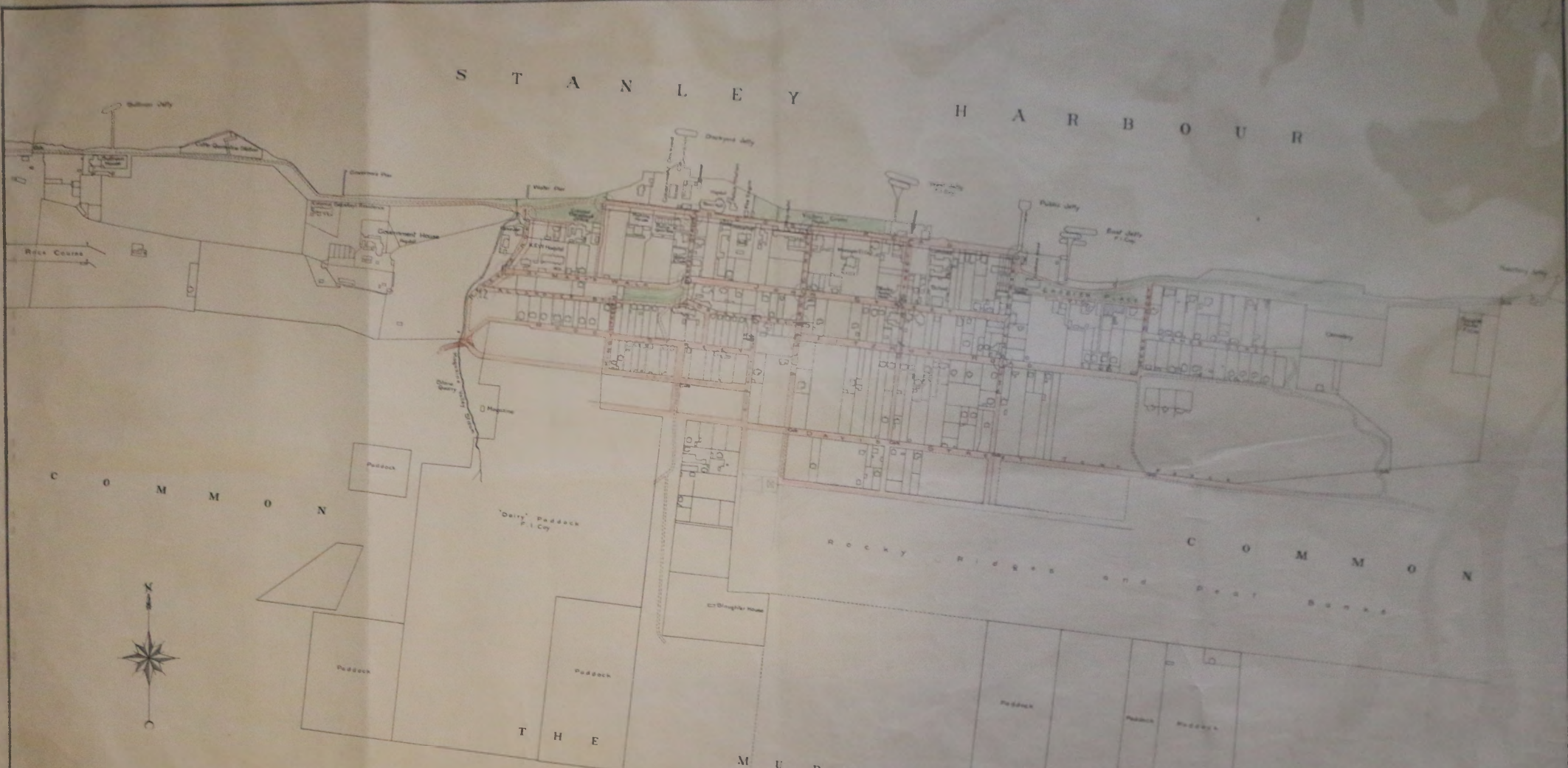
SCALE — 8800' 20.344 INCHES TO 1 MILE OR 1 INCH TO 208.33 FEET —

**REFERENCE**

- EXISTING SEWER (IN OR INDICATED)
- EXISTING CHANNEL (AS IS)
- PROPOSED CHANNEL

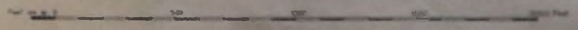


S T A N L E Y  
H A R B O U R



PLAN OF  
PORT STANLEY  
FALKLAND ISLANDS

SCALE — 1/25,344 INCHES TO 1 MILE OR 1 INCH TO 208.85 FEET





# STANLEY HARBOUR



PLAN OF  
PORT STANLEY  
FALKLAND ISLANDS

**REFERENCE**  
 New Mains shown in RED  
 Fire Hydrants shown thus: ●  
 Public Fountains shown thus: F  
 Stop Valves shown thus: V  
 Existing pipes from R.W. Tanks & Dockyard Jetty & Public Jetty indicated in blue.  
 Mains from "Service Tanks" to stand "X" to be 2 1/2" diam. from "X" to "Y" to be 2 1/2" diam. all other mains to be 1 1/2" diam.

SCALE — 1" = 208.35 FEET — 25,344 INCHES TO 1 MILE OR 1 INCH TO 208.35 FEET

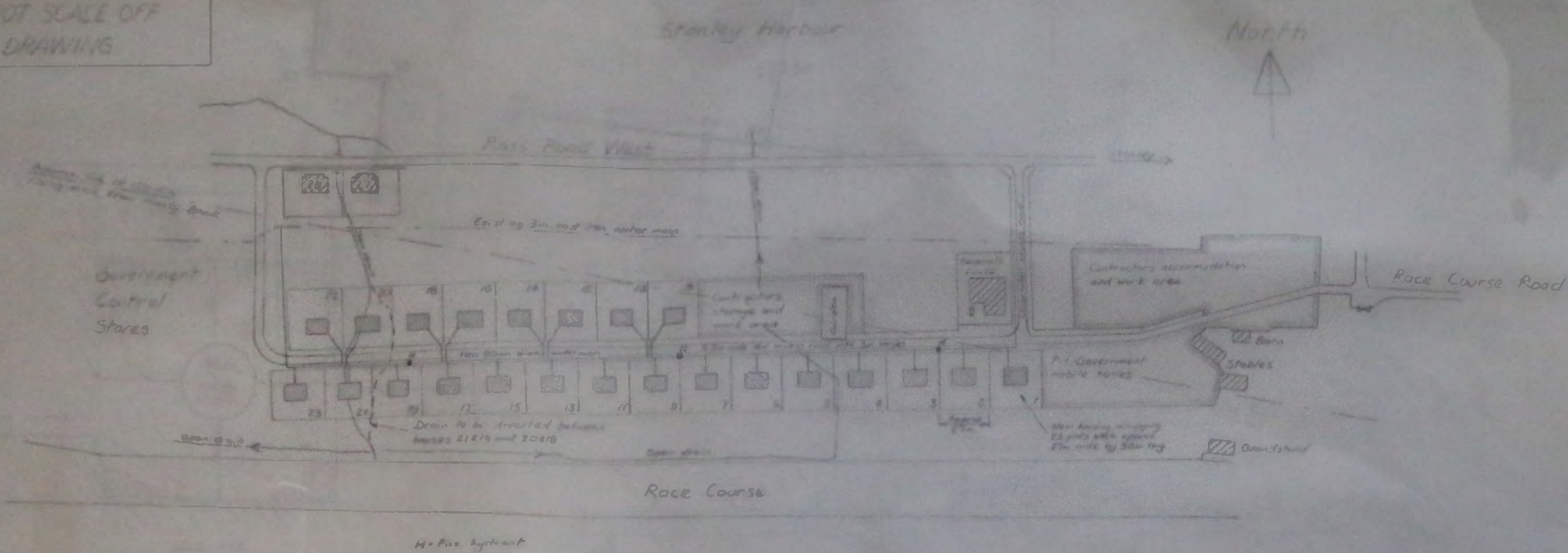
*A.H. 1840*  
 Assoc. M. Inst. C.E.  
 APRIL 1924







DO NOT SCALE OFF THIS DRAWING

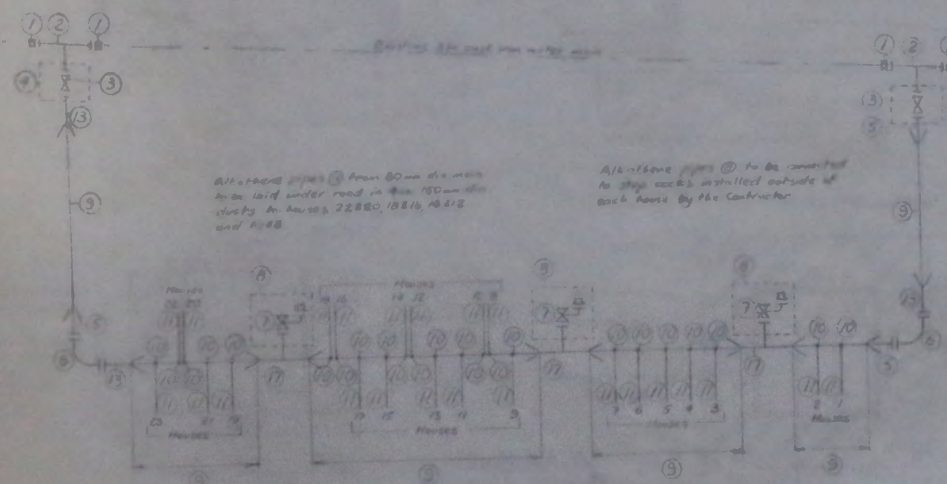


WATER MAIN LAYOUT  
Scale 1/250

Schedule of Pipes and Fittings

NO	QUANTITY	KEY	DESCRIPTION
1	80	4	Wiking 3/4" standard flange adaptor for cast iron
2	15+80	2	DUCTILE IRON 151 Flanged Tee
3	80	1	Ductile iron gate valve with cap for standard day Chestnut fitting
4	-	2	Surface box and lid
5	80	3	Class E Flanged outlet
6	80	2	Class E Flanged 90° bend
7	80	3	Subsoil fine hydrant with 3/4" dia outlet and standard flange
8	-	3	Hydrant box and lid
9	80	As reqd	Class E 1/2" outlet and neck straight length box
10	8-7248	23	Stables
11	22x4	As reqd	Class D Aluminium pipe
12	80	3	Class E Flanged outlet
13	80x48x13	3	Hydrant Tee

Notes:  
1. All flanges drilled to NP 16  
2. Minimum cover to all water pipes 1.0m



SCHEMATIC LAYOUT OF PIPES AND FITTINGS  
N.T.S.

18 August 83 A-46 water main installation at west end of site between plots 23 and 24 (see plan)

25 May 83 FIRST ISSUE

Date DESCRIPTION

REVISIONS

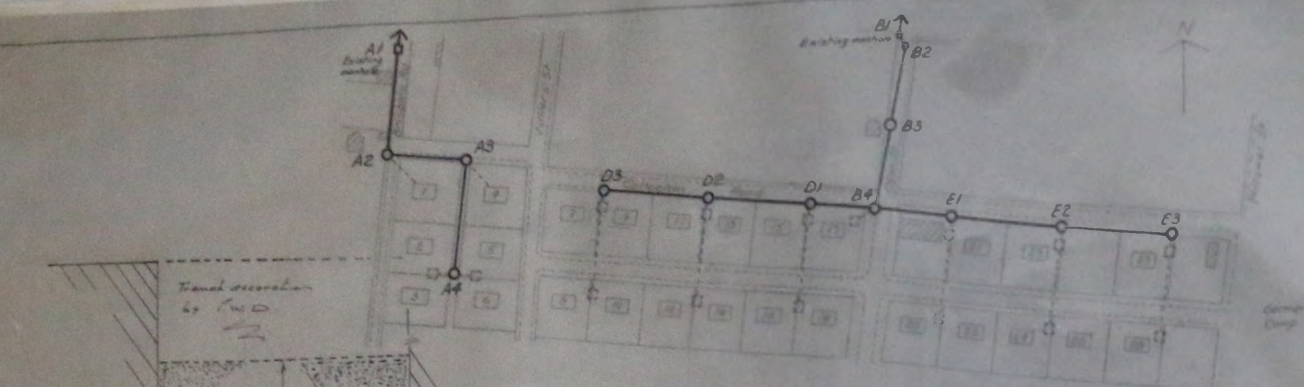
Falkland Islands Government  
Public Works Department  
Port Stanley Rehabilitation  
Proposed Water Main Layout  
Race Course Road Housing Site

Scale: As shown

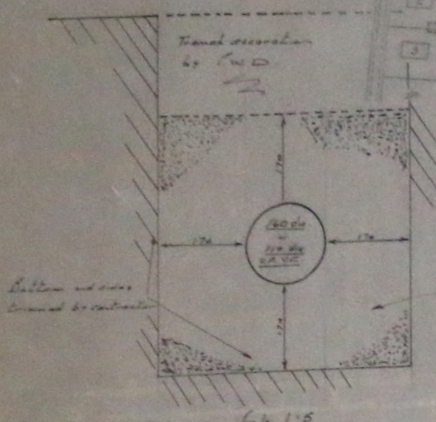
14/2A



NOTES  
 1. All work to be done in accordance with the S.W.A. Code of Practice for Sewerage.

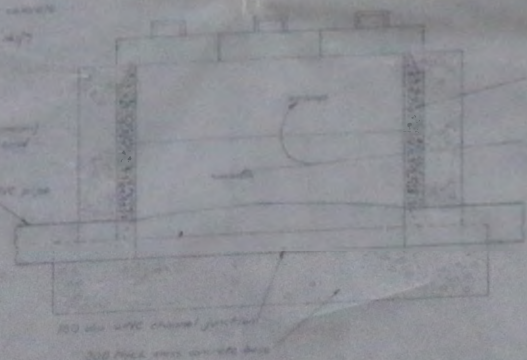
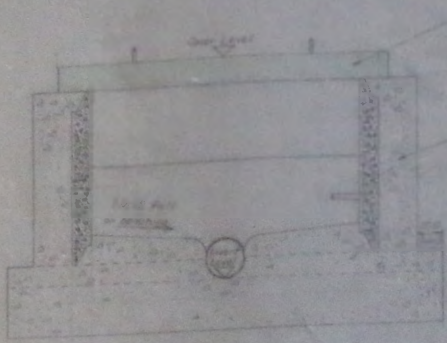


○ Symbols and markers by PWD  
 -□- Sewer lines and 'Bursting' manholes by SBA



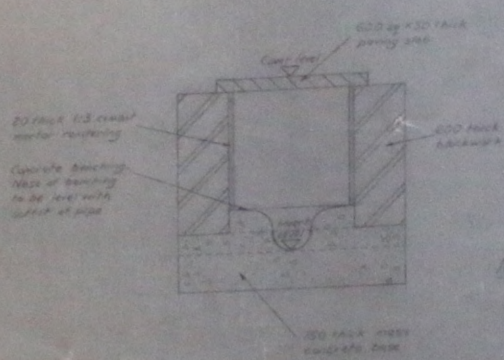
SEWER LAYOUT  
 Scale 1:150

TYPICAL MANHOLE SECTIONS (Except for MH B2)  
 Scale 1:10

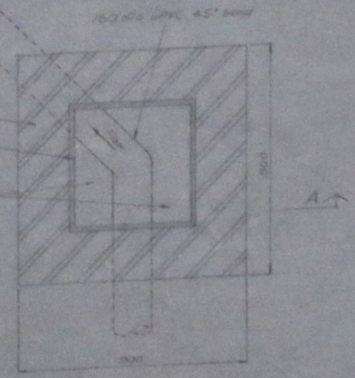


MANHOLE SCHEDULE  
 All heights to OM or PWD building

Manhole	Point	Spot	Spot	Spot	Spot	Spot
A1	42.240	42.504	160	53	12	
A2	46.660	47.811	160	39	50	
A3	47.441	48.291	160	55	50	
A4	48.591	49.351				
B1	36.599	40.096	100	4	15.3	
B2	39.805	40.480	100	39	11.3	
B3	43.180	45.855	160	41	20.3	
B4	45.051	46.211	160	30	45	
D1	45.700	46.000	160	58	45	
D2	46.471	48.028	160	52	45	
D3	46.660	48.570				
E1	48.500	48.200	160	40	150	
E2	48.500	48.200	160	54	150	
E3	48.500	48.200	160	54	150	



MANHOLE B2  
 Scale 1:10



SECTIONAL PLAN

SECTION A-A

Callaghan Road Housing Site  
 SEWER LINES & MANHOLE DETAILS

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
DR					1:150

DRAWING No. 141/6C

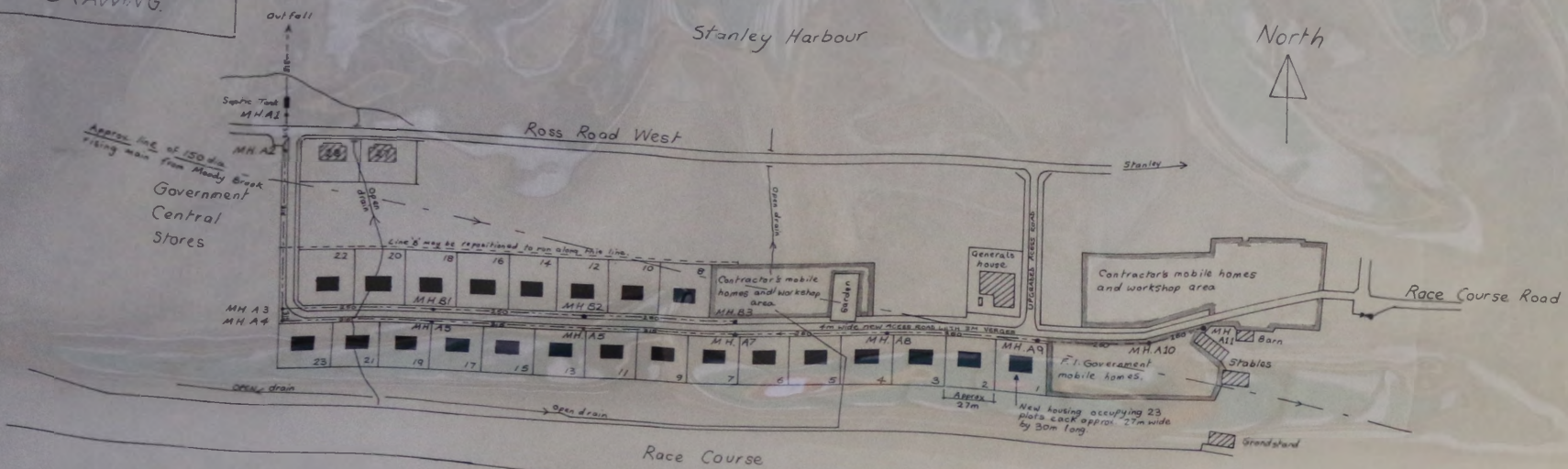
DATE THIS DOCUMENT  
 24 OCT 1983  
 PREPARED BY  
 P. J. O'NEILL

NO.	DESCRIPTION	CHANGED DATE
1	As drawn	

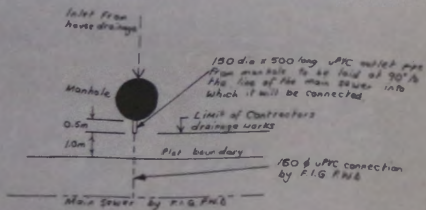
ALTERATIONS



DO NOT SCALE OFF  
THIS DRAWING.



SEWER LAYOUT  
Scale 1/1250



Position of manhole from which  
connection into main sewer will  
be made  
(NTS)

5 Nov 82 PRELIMINARY ISSUE  
Date Description  
Revisions

Falkland Islands Government  
Public Works Department  
Port Stanley Rehabilitation  
Proposed Sewer Layout  
Race Course Road Housing Site

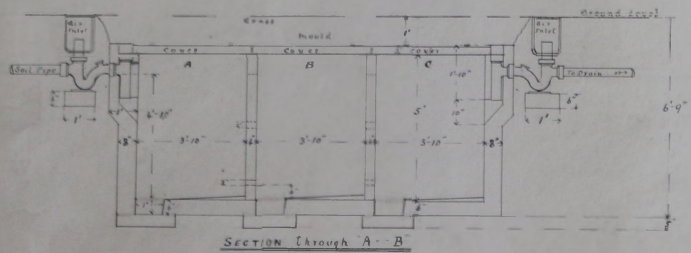
Drawn DR	Scale	Drawing no.
Traced (initials)	As shown	82/103A/1
Checked DR		



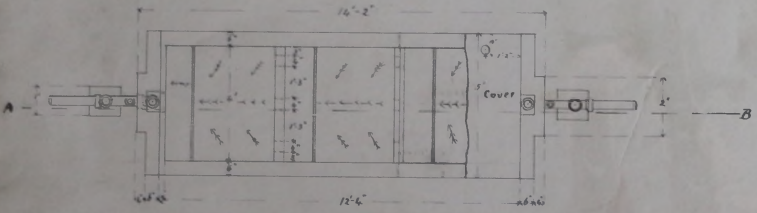
# SEPTIC TANK.

DRAINING N. No.

A.B.C Capacity = 1200 gallons  
 B.C = 860  
 C = 420

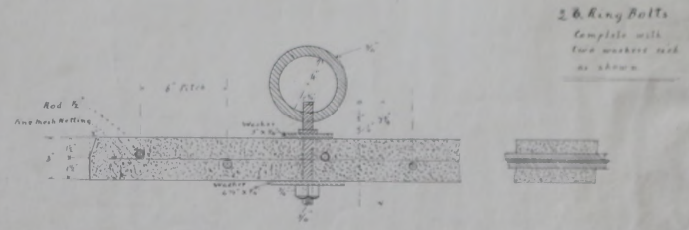


SECTION THROUGH A-B



PLAN

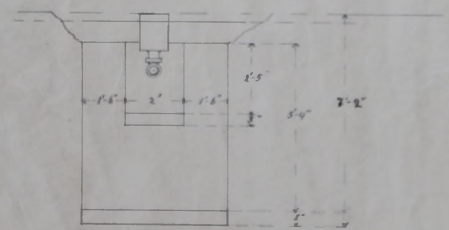
Scale 1/2" to 1'



DETAIL OF COVER and RING BOLT

Scale 3" to 1'

Cover to be bedded on greased paper and joints pointed.



END ELEVATION

*Handwritten notes and signatures at the bottom right corner.*